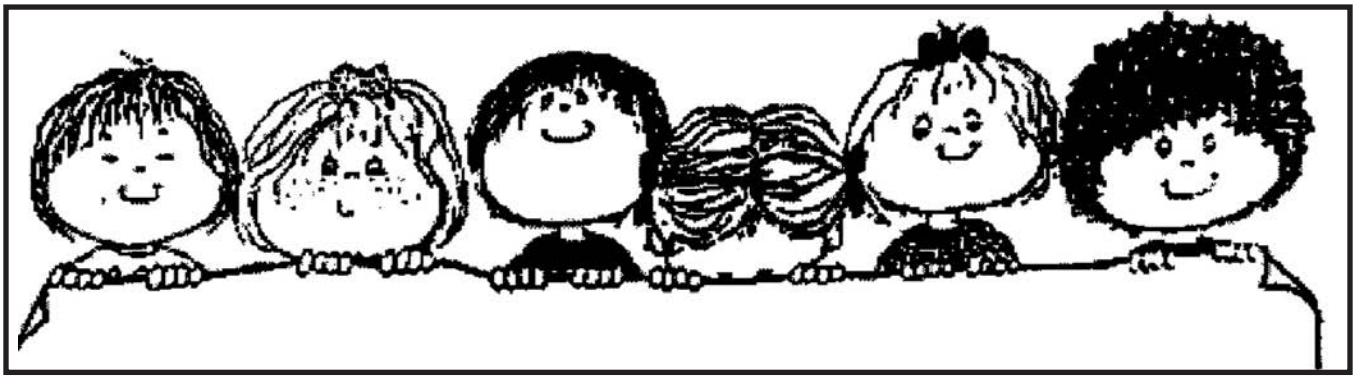
SMART SKILLS

MATHEMATICS

CLASS - IV



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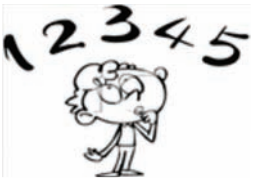


Large Numbers

Q1. Mark the periods and write the number names (Indian system):

a) 543059

_____

_____

b) 6005860

_____

_____

c) 36948000

_____

_____

d) 100009

_____

_____

Q2 Complete the table:

	Period	Places
1	Ones	
2	Thousands	
3	Lakhs	
4	Crores	

Date : _____

Q1 Write the numerals in Indian system:

a) One lakh, seventy five thousand, six

_____

b) Twenty four lakhs, one

_____

c) Nine crore, one lakh, eight thousand _____

d) Twenty two lakhs _____

e) Eight lakhs, six thousand twenty _____

Q2 Insert <, > or =

a) Twenty six thousand three _____ Twenty three thousand six

b) Seventy two thousand five _____ Seventy thousand five

c) Nine thousand ninety nine _____ Nine thousand nine hundred nine

d) Seven lakh eighty four _____Seventy lakh eighty four thousand

e) Forty lakhs four _____ Four lakhs forty four

Date : _____

Q1 Write the place value of the underlined digit in 2 ways:

a) 64,<u>3</u>18 _____

_____

b) 1,09,8<u>6</u>4 _____

_____

c) 8,<u>3</u>0,819 _____

_____

d) 7<u>0</u>,63,840 _____

_____

e) <u>1</u>,74,316 _____

_____

Q2 Write the place and the period of the underlined digit in Indian system:

	Place	Period
a) 1,74,<u>3</u>48	_____	_____
b) 64,<u>1</u>7,389	_____	_____
c) 1<u>0</u>,05,083	_____	_____
d) <u>6</u>,27,015	_____	_____
e) 5,40,0<u>7</u>0	_____	_____

Date : _____

Q1 The sum of the place values of 7 in 14,783 and 6,207 is

_____

Q2 The difference of the place values of 9 in 15970 and 362196 is

_____

Q3 Arrange the following in ascending order:

a) 1468, 6481, 1486, 1648

_____ _____ _____ _____

b) 9099, 9990, 9909, 9999

_____ _____ _____ _____

Q4 Arrange the following in descending order:

a) 2146, 6412, 2164, 6421

_____ _____ _____ _____

b) 83454, 83445, 84335, 8345

_____ _____ _____ _____

Date : _____

Q1. Write the expanded form in Indian system (both ways):

a) 53,14,620

i) _____

_____

ii) _____

_____

b) 9,51,006

i) _____

_____

ii) _____

_____

c) 17,00,000

i) _____

_____

ii) _____

_____

Q2. Write the short form:

a) 300000 + 40000 + 3 = _____

b) 70000 + 3000 + 20 = _____

c) 8000000 + 9000 + 1 = _____

d) 60000 + 4000 + 20 + 4 = _____

CLASS - IV

Date : _____

Q1 Encircle the biggest number in each row:

a)	746556	764665	764605
b)	508693	580963	588963
c)	341948	359841	314598
d)	1662243	1626243	1624623

Q2 Encircle the smallest number in each row:

a)	63208	63802	63280
b)	141645	114645	1414645
c)	30009	300009	300090
d)	586999	589699	58699

Q3 Write the numbers:

a) 5 thousand more than 634900 _____

b) 600 less than 40130 _____

c) 20 thousand more than 435890 _____

d) 6 ones less than the smallest 4 digit number _____

e) 1 more than the greatest 5 digit number _____

Date : _____

Q1 Write < or >

a) 9437 _____ 9347

b) 48738 _____ 48873

c) 50720 _____ 57200

d) 314151 _____ 315141

e) 60002 _____ 600002

Q2 Write the smallest and greatest 4 digit number using each digit only once:

a) 1,6,2,4

Smallest_____

Greatest_____

b) 3,0,9,7

Smallest_____

Greatest_____

Q3 Write the smallest and greatest 5 digit number using each digit at least once:

a) 6,2,7,4

Smallest_____

Greatest_____

b) 3,0,9,8

Smallest_____

Greatest_____

Date : _____

Q1. True or false

1. The difference of a number and zero is zero _____
2. The predecessor of 3999 is 3898 _____
3. If you add three numbers in any order, the sum will be the same_____
4. The successor of 1999 is 2000 _____
5. 50,000 + 400 +20 = 54,020 _____
6. The place value of 6 in 76543 is 6 hundred _____
7. The smallest 4 digit no is 1111 _____

Q2. Choose the correct option.

1. In 62183 which digit is at the thousand's place ?

   a) 6 b) 2 c) 1 d) 8

2. Which of the following is equal to 2 thousands ?

   a) 20 tens b) 2 tens c) 20 hundreds d) 2 hundred

3. What number has 2 thousands, 4 more hundreds than thousands, 1less tens than thousands and 1 more ones then thousands.

   a) 2413 b) 2163 c) 2631 d) 2613

Date : _____

Q3 Fill in the blanks

1. The sum of largest 5-digit no and 1 is _____
2. Which number is 3087 less than 13087 _____
3. _____ subtracted from 7 hundreds gives 7 tens.
4. 1200 is added to _____ to make it equal to 3200.
5. By how much is 1275 greater than 1150 _____
6. If _____ is subtracted from any number, the number does not change.
7. 198 is subtracted from _____ to give 2.
8. The sum of the smallest and largest two digit number is _____.
9. Predecessor of every number is always _____ than the number itself.
10. The number 100 less than 12760 is _____

Date : _____

Writing Number Names in the International System

Q.1 Write the number names of the following numbers in International System:

a) 5,039,086

b) 74,589,236

c) 7,982,385

d) 34,700,214

e) 42,402,400

f) 93,764

g) 67,063,316

Date : _____

Writing the Numerals in International System

Q.1) Write the numerals for the following number names in International System:

a) Four million, four hundred eight thousand, nine hundred seven.

Ans: _____

_____

b) Three million, seven hundred thousand, three hundred thirty seven.

Ans: _____

_____

c) Eight million, eighty thousand, six hundred six.

Ans: _____

_____

d) Four million, one hundred two thousand, five.

Ans: _____

_____

e) Seven million, seventy.

Ans: _____

_____

f) Nine million.

Ans: _____

_____

g) Two million, two hundred two thousand, two.

Ans: _____

_____

h) One million, eight thousand, three hundred eleven.

Ans: _____

_____

Date : _____

Addition Worksheet

Solve the following and write the sum:

24429 7652 +9360	983915 7469 + 3565
7894 5617 +284195	47202 5874 + 504706
97465 394299 + 4338	40207 769216 + 9384
8935 4539 +599037	74678 2422 + 806049

Date : _____

Filling the Missing Numbers In Addition

Q.1) Fill in the blanks:

a)

		7	_	2	3
+		3	3	_	8
	_	_	2	2	_

b)

		_	4	_	3
+		6	_	6	_
	9	0	2	1	

c)

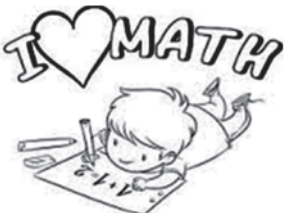
		5	_	8	_
+		2	3	_	9
	_	1	6	6	

d)

		_	2	_	7
+		1	8	9	_
	5	_	8	3	

Date : _____

Addition Story sums



S.No	Story Sum	Workspace
1)	In a grand art competition, 12,075 boys and 11,389 girls participated. Find the total number of participants in the competition.	
2)	In a school library, there are 7,585 Hindi books, 975 Science books, 10,050 English books and 8,562 Maths books. Find the total number of books in the library.	
3)	Ritu jogs 2,800 m and runs 4,500 m every morning. Find the total distance covered by her every morning.	
4)	There are 20,257 people in a town. During an annual festival, 2,585 visitors came to the town. Find the total number of people in that town at that time.	

Date : _____

Worksheet

Q1. Solve the following and write the difference:

a) 8 0 3 0 6 9
– 3 8 3 3 1 0

_____

_____

b) 6 4 8 5 0 1
– 9 8 4 8 3

_____

_____

c) 8 0 8 5 6 0
– 2 4 1 8 6 4

_____

_____

d) 9 4 4 3 9 2
– 9 0 3 8 3 4

_____

_____

e) 2 3 4 3 4 5
– 1 0 6 8 8 7

_____

_____

f) 8 9 8 4 0
– 4 4 0 1 6

_____

_____

Date : _____

Riddle Me Math!

Directions:

Solve each math problem. Then find the answer and write the letter in the correct place to solve the riddles.

What kind of room has no windows or doors?

A M

___	___	___	___	___	___	___	___
1	2	3	4	5	6	7	8

1. 729 − 483 = _____

2. 346 − 184 = _____

3. 845 − 265 = _____

4. 365 − 166 = _____

5. 743 − 290 = _____

6. 647 − 465 = _____

7. 387 − 193 = _____

8. 584 − 473 = _____

What do you fill with empty hands? ___ ___ ___ ___ ___ ___

9 10 11 12 13 14

9. 739 − 264 = _____

10. 472 − 122 = _____

11. 375 − 143 = _____

12. 623 − 337 = _____

13. 974 − 731 = _____

14. 352 − 121 = _____

G. 475	O. 182	U. 162	V. 286
R. 453	H. 199	L. 350	S. 231
O. 194	M. 111	O. 232	M. 246
E. 243	S. 580		

Date : _____

1. Fill in the blanks:

(a) 42648 + 6348 = ... + 42648

(b) ..... + 88605 = ... + 35760

(c) 564 + ... + 24965 = 24965 + 3608 + ...

(d) 5296 + 30285 + ... = 18960 + ... + 30285

(e) 816354 - ..... = 816354

(f) 72463 - 1000 = ...

(g) 48960 + ... = 48960

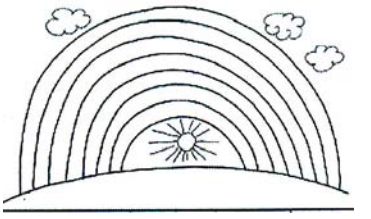
(h) 328 + 425 = ...

(i) 3627 + ... = 1912 + 3627

(j) 100 more than 2,47,634 = ...

Date : _____

Subtraction Story Sums



S.No.	Story Sum	Workspace
1)	There are 15,345 DVDs in a shop. There are 7,286 audio DVDs the rest are video DVDs. Find the number of video DVDs in that shop.	
2)	A free medical camp was conducted in a village for the adults. The total number of people who took part in the camp was 40,000. If 21,278 men participated, then find the number of women who took part in the camp.	
3)	Rahul needs atleast 12,500 points to reach level two in a video game. He has only 1,520 points in level one. How many more points does he need to qualify for level two?	
4)	Mahika had Rs 50,750 in her bank account. She withdrew Rs. 38,275 for buying some furniture. Find the amount left in her account after withdrawal.	

Date : _____

Mixed Bag

Q1. Solve the following and write the difference:

1. 28925 + 97720

4. 604326 − 19537

7. 4370718 + 640643

2. 169072 − 76714

5. 641723 + 838921

8. 448246 + 247090

3. 992605 − 40230

6. 386508 + 349545

9. 542554 − 92906

Date : _____

1. Fill in the blanks:

(a) $15 \times 18 = \ldots\ldots\ldots\ldots \times 15$

(b) $597 \times \ldots\ldots\ldots\ldots = 0$

(c) $221 \times 140 = \ldots\ldots\ldots\ldots \times 140$

(d) $479 \times 220 \times \ldots\ldots\ldots\ldots = 479 \times 635 \times \ldots\ldots\ldots\ldots$

(e) $\ldots\ldots\ldots\ldots \times 78 = 78 \times 63$

(f) $42 \times 18 \times 15 = 18 \times \ldots\ldots\ldots\ldots \times 42$

(g) $85 \times \ldots\ldots\ldots\ldots = 49 \times \ldots\ldots\ldots\ldots$

(h) $25756 \times \ldots\ldots\ldots\ldots = 25756$

(i) $365 \times 1 = \ldots\ldots\ldots\ldots$

(j) $8705 \times 1 = \ldots\ldots\ldots\ldots$

(k) $257 \times \ldots\ldots\ldots\ldots = 257$

(l) $24735 \times \ldots\ldots\ldots\ldots = 0$

(m) $62 \times \ldots\ldots\ldots\ldots = 0$

(n) $736 \times 105 = 105 \times \ldots\ldots\ldots\ldots$

(o) $\ldots\ldots\ldots\ldots \times 93 = 93$

(p) $10 \times 100 \times \ldots\ldots\ldots\ldots = 10000$

(q) $\ldots\ldots\ldots\ldots \times 48 = 0$

(r) $125 \times 175 \times 104 = 125 \times \ldots\ldots\ldots\ldots \times 175$

(s) $2463 \times 1 = \ldots\ldots\ldots\ldots$

(t) $3856 \times \ldots\ldots\ldots\ldots = 0$

Date : _____

Multiplication Worksheet

Q.1) Find the product:

1) 768 × 24	2) 967 × 67	3) 742 × 94
4) 366 × 38	5) 452 × 86	6) 809 × 45
7) 760 × 56	8) 456 × 78	9) 259 × 36

Date : _____

Multiplication By 3- digit numbers

Q.1) Find the product:

a) 596 × 923	b) 705 × 765	c) 468 × 408
d) 176 × 379	e) 940 × 287	f) 405 × 658

Date : _____

1. Multiply:

(a) $315 \times 100 =$ ..... (b) $167 \times 100 =$ .....

(c) $95 \times 100 =$ ..... (d) $743 \times 100 =$ .....

(e) $3216 \times 100 =$ ..... (f) $369 \times 100 =$ .....

(g) $5405 \times 100 =$ ..... (h) $275 \times 100 =$ .....

(i) $3010 \times 100 =$ ..... (j) $1090 \times 100 =$ .....

2. Multiply:

(a) $4 \times 700 =$ ..... (b) $57 \times 300 =$ .....

(c) $13 \times 200 =$ ..... (d) $84 \times 600 =$ .....

(e) $16 \times 500 =$ ..... (f) $174 \times 800 =$ .....

(g) $706 \times 300 =$ ..... (h) $68 \times 400 =$ .....

(i) $91 \times 600 =$ ..... (j) $306 \times 700 =$ .....

Work space

Date : _____

Multiplication Story sums

S.No	Story Sum	Workspace
1)	Sudha gets Rs. 1575 as a scholarship per month. How much money does she get as scholarship in a year?	
2)	A toy manufacturing company makes 835 toys in a day? Find the number of toys made by it in the month of February in a leap year.	
3)	A florist makes 605 bouquets in a week. Find the total number of bouquets made by him in an year.	
4)	Find the total number of minutes in a day.	

Date : _____

1. Fill in the blanks:

(a) $0 \div 6 =$ .....

(b) ..... $\div 8 = 0$

(c) $245 \div 245 =$ .....

(d) $28 \div 14 =$ .....

(e) $108 \div 12 =$ .....

(f) $63 \div 3 =$ .....

(g) $0 \div 25 =$ .....

(h) $144 \div$ ..... $= 12$

(i) $96 \div$ ..... $= 8$

(j) $126 \div 9 =$ .....

(k) $16 \div 1 =$ .....

(l) $150 \div$ ..... $= 15$

(m) $45 \div$ ..... $= 1$

(n) $225 \div 5 =$ .....

Date : _____

Division By 1- digit Divisor

Q.1) Find the Quotient and the Remainder:

a) 50148 ÷ 9	b) 35286 ÷ 8	c) 70905 ÷ 5
d) 41268 ÷ 7	e) 98046 ÷ 6	f) 50505 ÷ 3

Date : _____

Division By 2- digit Divisor

Q.1) Find the Quotient and the Remainder:

a) 7985 ÷ 23	b) 98762 ÷ 62
c) 93987 ÷ 17	d) 76450 ÷ 46

Date : _____

1. Fill in the blanks:

(a) $55 \div 10$ = Q = ... R .....

(b) $168 \div 10$ = Q = ... R .....

(c) $575 \div 10$ = Q = ... R .....

(d) $3090 \div 10$ = Q = ... R .....

(e) $2006 \div 100$ = Q = ... R .....

(f) $7318 \div 100$ = Q = ... R .....

(g) $341 \div 100$ = Q = ... R .....

(h) $4150 \div 1000$ = Q = ... R .....

(i) $6900 \div 1000$ = Q = ... R .....

(j) $10612 \div 1000$ = Q = ... R .....

Date : _____

Q1. Solve the following with checking:

a) 1842 ÷ 7	Checking
b) 2725 ÷ 5	Checking
c) 3991 ÷ 8	Checking

Date : _____

Division Story sums

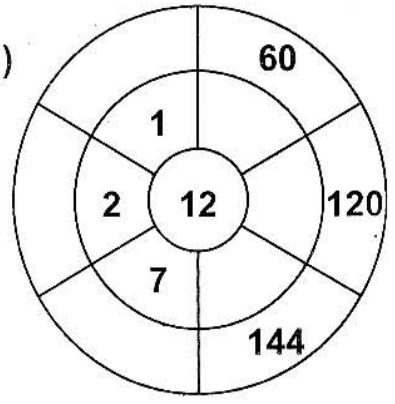
S.No	Story Sum	Workspace
1)	Radhika ordered 15 pizzas for her birthday party. She paid Rs. 5625 in all. Find the cost of each pizza, if all of them were of the same price.	
2)	The maintenance charge collected from 23 houses is Rs. 81075.Find the maintenance charge collected from each house.	
3)	Sahil bought a dozen egg crates for Rs. 1152. Find the money paid for each crate.	
4)	A train covered 15000 km in a day. Find the distance covered by it in an hour if it has been running continuously throughout the day.	

Date : _____

12 Times Table - Target Circles

Complete the circle by multiplying the number in the center by the middle ring to get the outer numbers.

1)



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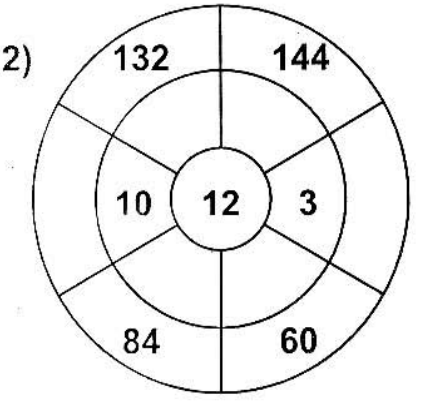

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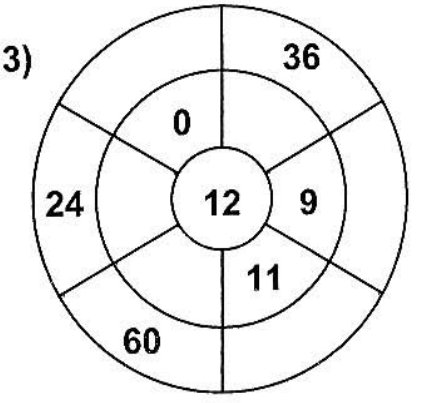

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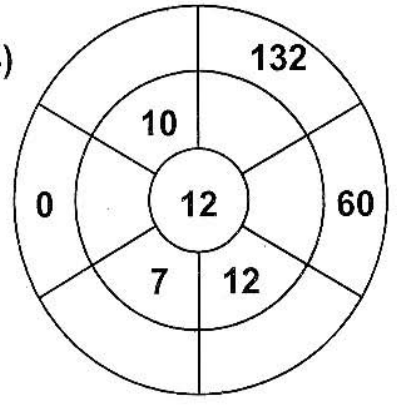

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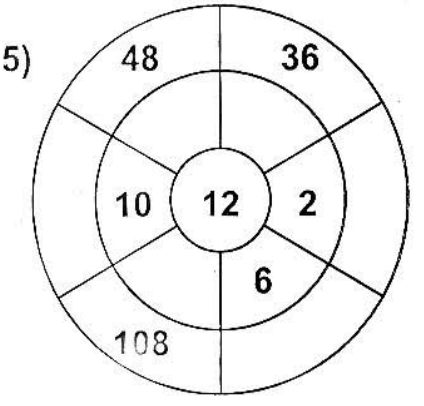

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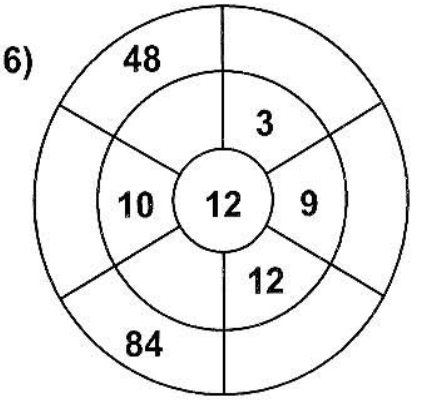

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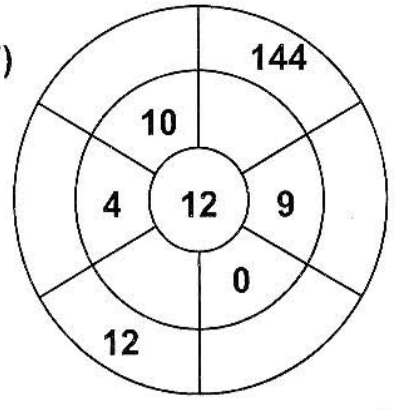

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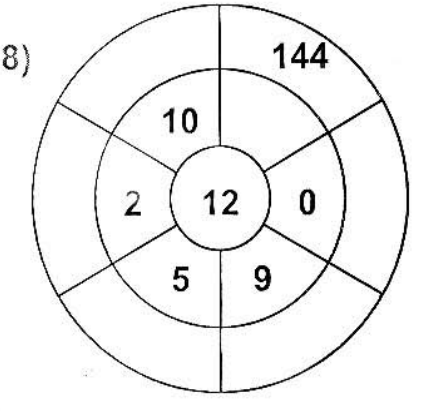

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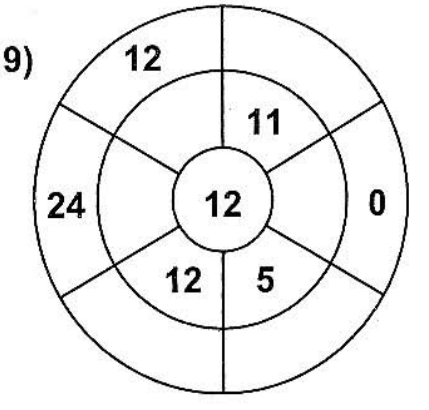


CLASS - IV

Date : _____

Long Division Bingo

Find each answer and color it on the bingo board. If you get bingo, draw a line through the winning row.

a. $6\overline{)186}$ b. $4\overline{)192}$ c. $8\overline{)184}$ d. $5\overline{)255}$

e. $7\overline{)287}$ f. $2\overline{)168}$ g. $8\overline{)136}$ h. $9\overline{)198}$

B	I	N	G	O
92	71	37	22	18
27	54	49	31	66
88	48	FREE	51	17
25	91	79	84	36
41	16	53	23	77

Date : _____

Division Riddle

Solve the division problems and then use the code to solve the riddle.

Q2 R 3 = n	Q3 = i	Q25R 1 = -
Q17 = b	Q9 = r	Q11 R9 = m
Q23 R3 = e	Q7 R10 = y	Q2R41 = u
Q13 = 0	Q31 = f	

What does spooky like to have for breakfast ?

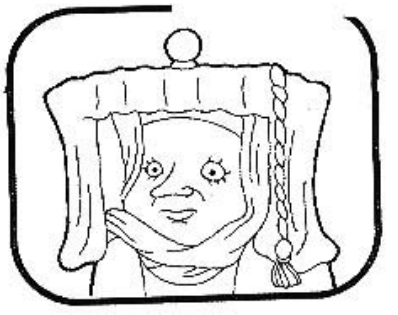
A cup of coffee and a

17 53) 901 53 371 371 0	68) 884	27) 351	18) 451	41) 697	31) 716	72) 648	23) 207	19) 143
b								

36) 405	63) 167	25) 775	16) 496	98) 294	57) 117

Date : _____

Shakuntala Devi's Powers



Shakuntala Devi sees many things in her crystal ball. Sometimes before she shares what she sees, she tests to see if you are worthy of her insights. Read the problems below and decide which number equation you would use to solve the problem. Shade in the circle in front of the correct equation.

1. Mrs Ahuja is making vests for her favorite pup. It takes 5 buttons to finish a vest. How many vests could she finish with 410 buttons?

O 410 × 5

O 5)410

2. It takes Shakuntala Devi 12 minutes to give 1 reading. How many readings could she give in 36 minutes?

O 36 × 12

O 12)36

3. Rehaan bought one dozen Paper chips ₹ 140. How much would 5 dozen paper chips cost him?

O 140 × 5

O 5)140

4. Mrs. Gupta has a pet octopus. It has 8 legs. How many legs would 98 octopuses have?

O 98 × 8

O 8)98

Date : _____

Make the number patterns for each given rule.

1. Start at 70 and subtract 3 each time : ....., ..., ..., ...

2. Start at 2 and multiply 6 each time: ....., ..., ..., ...

3. Start at 18 and add 22 each time: ....., ..., ..., ...

4. Start at 54 and add 15 each time: ....., ..., ..., ...

5. Start at 7 and multiply 3 each time: ....., ..., ..., ...

6. Start at 69 and subtract 4 each time: ....., ..., ..., ...

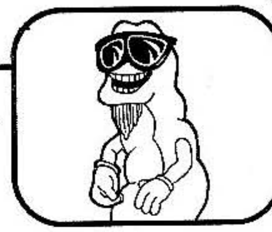
7. Start at 57 and add 20 each time:....., ..., ..., ...

8. Start at 92 and subtract 5 each time: ....., ..., ..., ...

9. Start at 39 and add 18 each time : ....., ..., ..., ...

10. Start at 63 and subtract 9 each time: ....., ..., ..., ...

Date : ____________



Decoding Days

Use the code box to write the letters above the numbered spaces below.

Example: H E L L O
⠓ ⠑ ⠇ ⠇ ⠕

A	D	E	F	H	I	L	M	N	O	R	S	T	U	W	Y
⠁	⠙	⠑	⠋	⠓	⠊	⠇	⠍	⠝	⠕	⠗	⠎	⠞	⠥	⠺	⠽

1. ___ ___ ___ ___ ___ ___
⠋ ⠗ ⠊ ⠙ ⠁ ⠽

2. ___ ___ ___ ___ ___ ___ ___
⠞ ⠥ ⠑ ⠎ ⠙ ⠁ ⠽

3. ___ ___ ___ ___ ___ ___
⠎ ⠥ ⠝ ⠙ ⠁ ⠽

4. ___ ___ ___ ___ ___ ___
⠍ ⠕ ⠝ ⠙ ⠁ ⠽

5. ___ ___ ___ ___ ___ ___ ___ ___ ___
⠺ ⠑ ⠙ ⠝ ⠑ ⠎ ⠙ ⠁ ⠽

6. ___ ___ ___ ___ ___ ___ ___ ___
⠎ ⠁ ⠞ ⠥ ⠗ ⠙ ⠁ ⠽

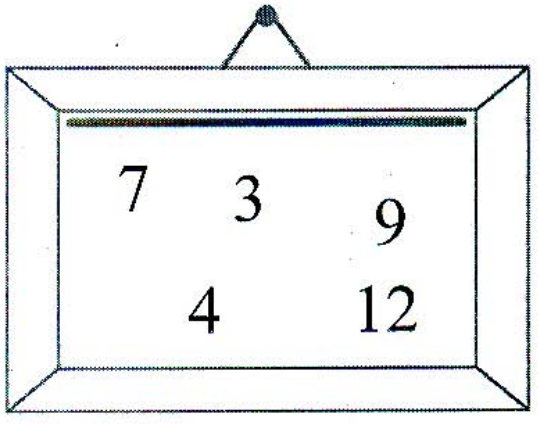
7. ___ ___ ___ ___ ___ ___ ___ ___
⠞ ⠓ ⠥ ⠗ ⠎ ⠙ ⠁ ⠽

CLASS - IV

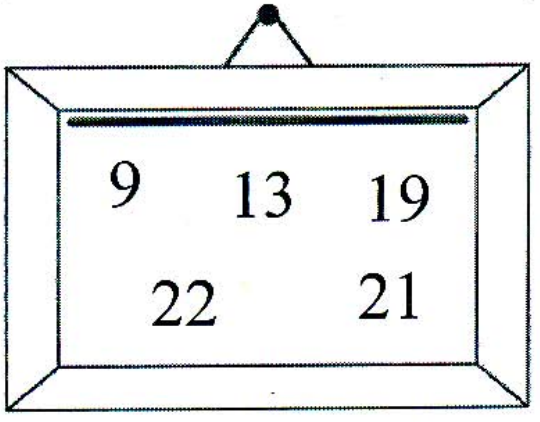
Date : _____

Circle Multiples

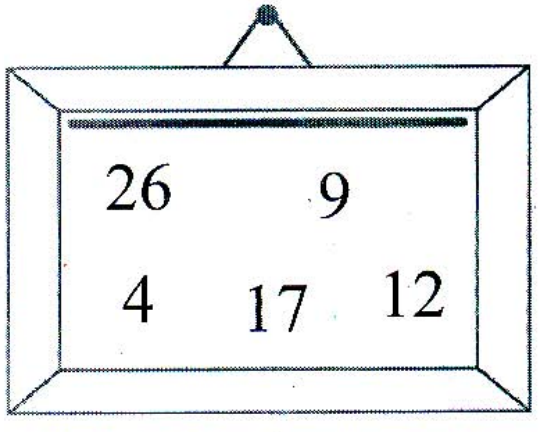
a) Circle the multiples of 2



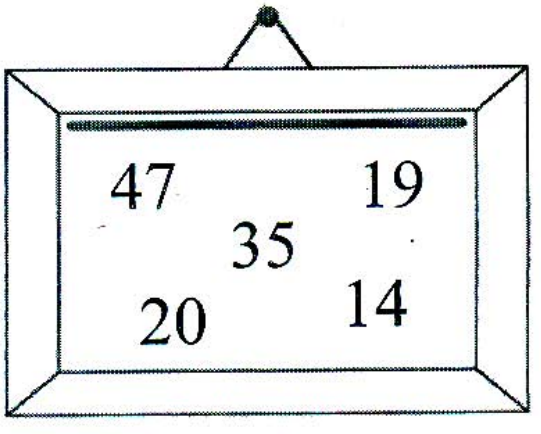
a) Circle the multiples of 3



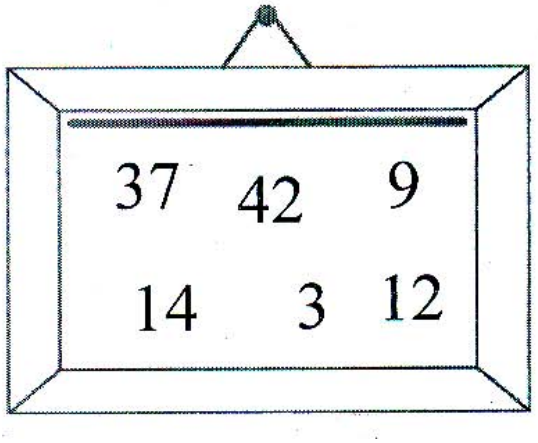
c) Circle the multiples of 4



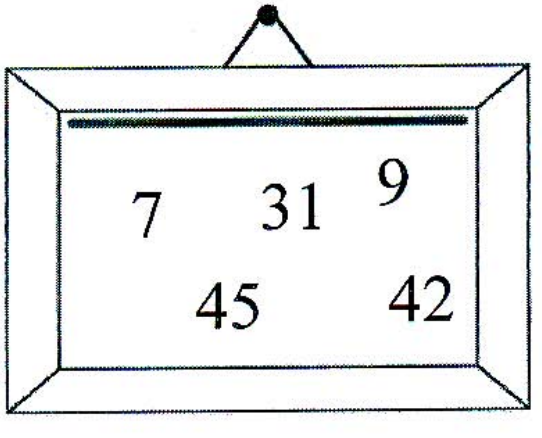
d) Circle the multiples of 5



e) Circle the multiples of 6



f) Circle the multiples of 7



CLASS - IV

Date : _____

Matching Factors

Match the numbers to their factors.

a) 5 1 10 50 4 100 2 20 25 •

b) 15 5 1 75 3 25 •

c) 1 4 7 28 2 14 •

d) 8 1 16 4 2 32 •

e) 6 1 12 4 2 3 •

a) • 12

b) • 32

c) • 28

d) • 75

e) • 100

Date : _____

Prime and composite

Complete the table:

Number	List of factors	Prime or Composite?
20		
5		
13		
18		
41		
17		
2		

Date : _____

Factor tree

Prime factorize using factor tree method:

72	84
69	95

Date : _____

Highest common factor

1. Find the H.C.F. of 8 and 12

List the factors of 8_____

List the factors of 12_____

List the common factors_____

What is the H.C.F.?_____

2. Find the H.C.F. of 15 and 20

List the factors of 15_____

List the factors of 20_____

List the common factors_____

What is the H.C.F.?_____

3. Find the H.C.F. of 21 and 35

List the factors of 21_____

List the factors of 35_____

List the common factors_____

What is the H.C.F.?_____

4. Find the H.C.F. of 6 and 18

List the factors of 6_____

List the factors of 18_____

List the common factors_____

What is the H.C.F.?_____

Date : _____

Common multiples

Find the first common multiple of:

a) 2 and 3 _____

b) 6 and 4 _____

c) 2 and 5 _____

d) 7 and 5 _____

e) 9 and 6 _____

f) 4 and 8 _____

g) 12 and 16 _____

h) 8 and 6 _____

i) 8 and 2 _____

j) 8 and 7 _____

List the first three common multiples of:

a) 12 and 15 _____

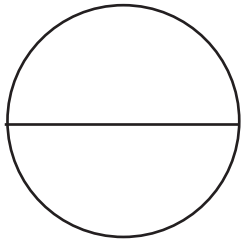
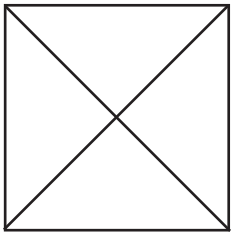
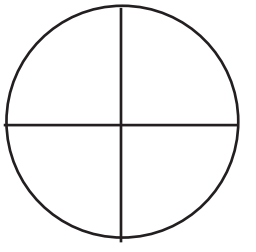
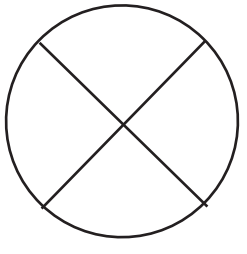
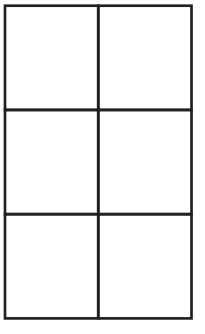
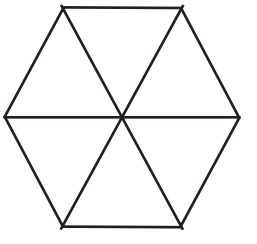
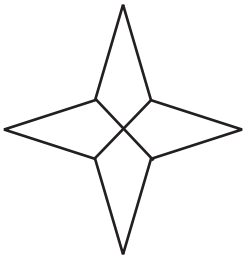
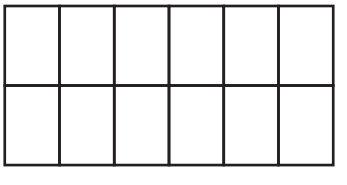
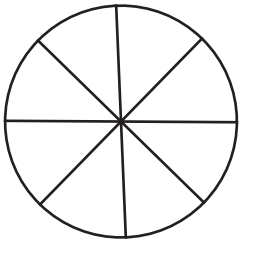
b) 20 and 25 _____

c) 15 and 20 _____

d) 11 and 22 _____

Date : _____

Shade the parts of Shapes

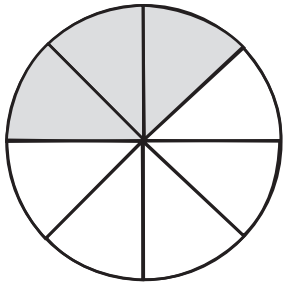
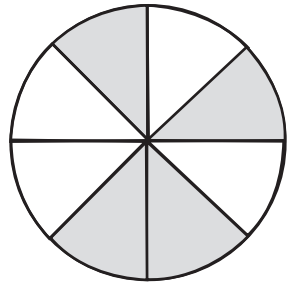
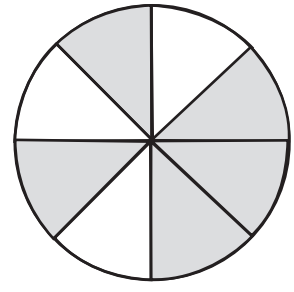
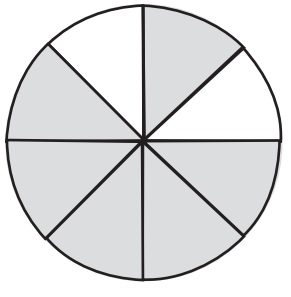
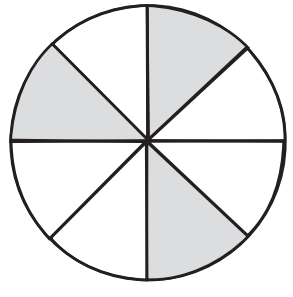
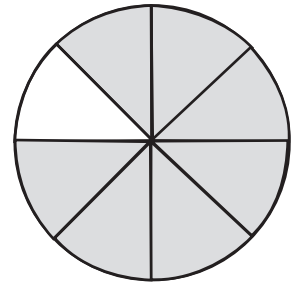
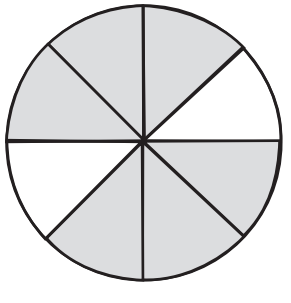
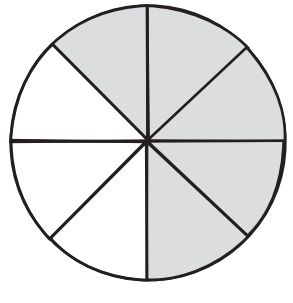
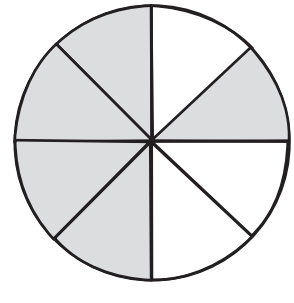
$\frac{1}{2}$ 	$\frac{3}{4}$ 	$\frac{1}{4}$ 
$\frac{2}{4}$ 	$\frac{5}{6}$ 	$\frac{4}{6}$ 
$\frac{3}{4}$ 	$\frac{7}{12}$ 	$\frac{5}{8}$ 

CLASS - IV

Date : _____

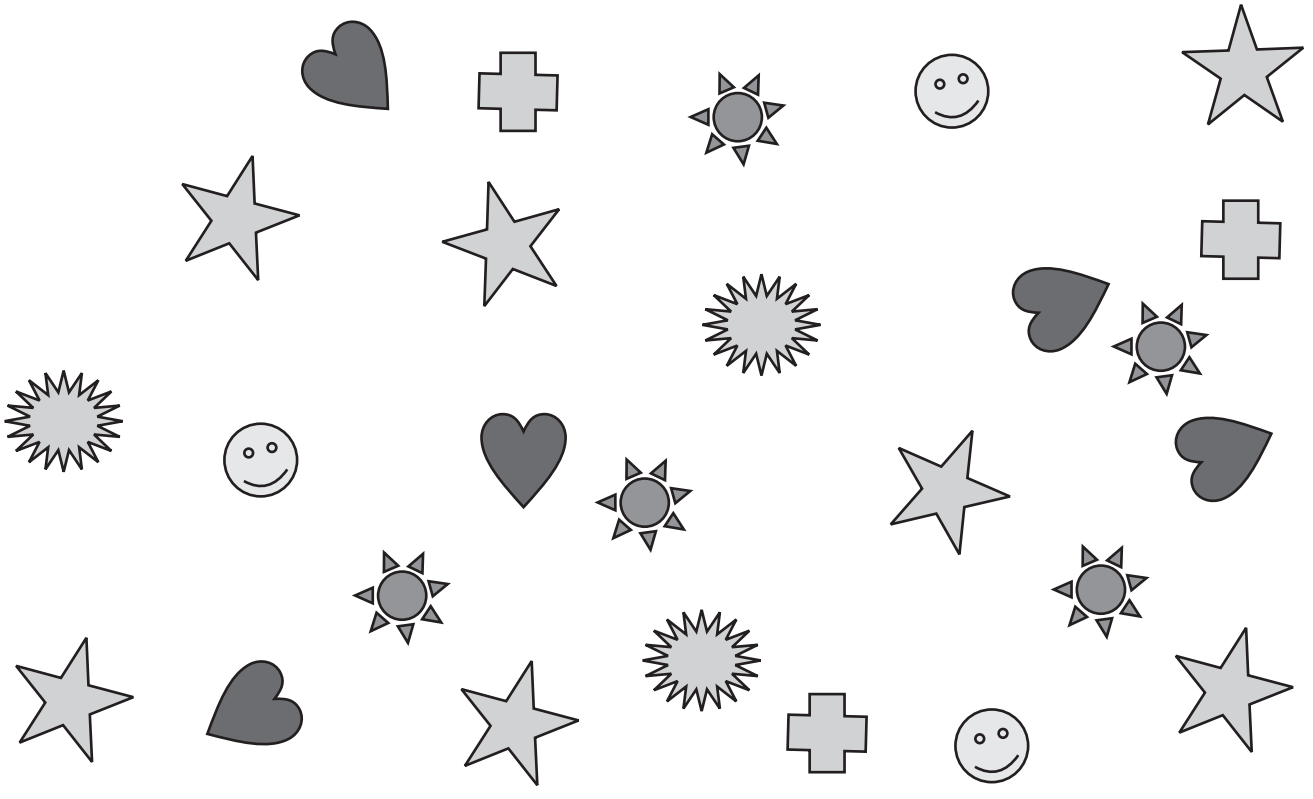
Pizza Fractions

Madhu make pizzas with two toppings, pepperoni and mushroom. Shaded parts are pepperonis and the rest are mushrooms. What fractions are pepperonis or mushrooms?

a)  Pepperoni part = _____	d)  Mushroom part = _____	g)  Pepperoni Part = _____
b)  Pepperoni part = _____	e)  Mushroom part = _____	h)  Pepperoni Part = _____
c)  Pepperoni part = _____	f)  Mushroom part = _____	i)  Pepperoni Part = _____

Date : _____

Fun with Shapes and Fractions

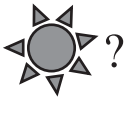


a) Total Shapes _____

b) What Fraction of shapes are  ? _____

c) What fraction of shapes are  ? _____

d) What fraction of shapes are  ? _____

e) What fraction of shapes are  ? _____

CLASS - IV

Date : _____

Increasing Order - Fractions

Arrange and write the following in increasing order:

a) $\frac{2}{7}$ $\frac{6}{7}$ $\frac{4}{7}$ $\frac{3}{7}$

_____

b) $\frac{3}{19}$ $\frac{7}{19}$ $\frac{1}{19}$ $\frac{4}{19}$

_____

c) $\frac{121}{132}$ $\frac{75}{132}$ $\frac{63}{132}$ $\frac{117}{132}$

_____

d) $\frac{50}{121}$ $\frac{74}{121}$ $\frac{11}{121}$ $\frac{35}{121}$

_____

Date : _____

Decreasing Order - Fractions

Arrange and write the following in decreasing order:

a) $\frac{72}{15}$ $\frac{43}{15}$ $\frac{117}{15}$ $\frac{148}{15}$

_____

b) $\frac{24}{77}$ $\frac{61}{77}$ $\frac{121}{77}$ $\frac{39}{77}$

_____

c) $\frac{35}{81}$ $\frac{61}{81}$ $\frac{57}{81}$ $\frac{15}{81}$

_____

d) $\frac{15}{16}$ $\frac{74}{16}$ $\frac{37}{16}$ $\frac{11}{16}$

_____

Date : _____

Reduce the fractions to its lowest term:

1) $\frac{48}{36}$ = ----------

2) $\frac{34}{51}$ = ----------

3) $\frac{21}{49}$ = ----------

2) $\frac{63}{36}$ = ----------

5) $\frac{27}{84}$ = ----------

6) $\frac{45}{75}$ = ----------

7) $\frac{77}{70}$ = ----------

8) $\frac{30}{75}$ = ----------

9) $\frac{40}{65}$ = ----------

10) $\frac{19}{76}$ = ----------

Date : _____

Missing Number

Fill in the missing number

1) $\frac{1}{47} = \frac{10}{\quad}$

2) $\frac{\quad}{11} = \frac{35}{55}$

3) $\frac{7}{3} = \frac{56}{\quad}$

4) $\frac{5}{2} = \frac{35}{\quad}$

5) $\frac{\quad}{52} = \frac{16}{13}$

6) $\frac{\quad}{36} = \frac{4}{6}$

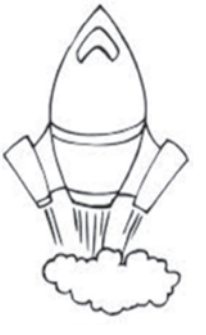
7) $\frac{80}{\quad} = \frac{10}{12}$

8) $\frac{7}{9} = \frac{\quad}{81}$

9) $\frac{4}{12} = \frac{\quad}{24}$

10) $\frac{5}{\quad} = \frac{15}{30}$

Rocket Math



CLASS - IV

Date : _____

Equivalent Fractions

Write the correct symbol in each problem (= or ≠)

1) $\frac{2}{3}$ ☐ $\frac{6}{15}$

2) $\frac{9}{4}$ ☐ $\frac{18}{8}$

3) $\frac{20}{15}$ ☐ $\frac{12}{9}$

4) $\frac{1}{6}$ ☐ $\frac{7}{49}$

5) $\frac{4}{22}$ ☐ $\frac{9}{33}$

6) $\frac{35}{10}$ ☐ $\frac{28}{8}$

7) $\frac{3}{7}$ ☐ $\frac{24}{56}$

8) $\frac{4}{3}$ ☐ $\frac{20}{12}$

9) $\frac{1}{2}$ ☐ $\frac{2}{6}$

10) $\frac{36}{14}$ ☐ $\frac{18}{7}$

Date : _____

Equivalent Fractions

A) Choose the correct equivalent fraction in each problem.

① $\frac{2}{16} = ?$ a) $\frac{1}{4}$ b) $\frac{1}{8}$ c) $\frac{4}{20}$ d) $\frac{3}{18}$

② $\frac{1}{3} = ?$ a) $\frac{3}{15}$ b) $\frac{2}{14}$ c) $\frac{8}{24}$ d) $\frac{5}{10}$

③ $\frac{25}{10} = ?$ a) $\frac{5}{2}$ b) $\frac{10}{16}$ c) $\frac{1}{5}$ d) $\frac{30}{20}$

④ $\frac{4}{12} = ?$ a) $\frac{1}{3}$ b) $\frac{1}{8}$ c) $\frac{4}{20}$ d) $\frac{3}{18}$

⑤ $\frac{36}{45} = ?$ a) $\frac{9}{5}$ b) $\frac{4}{5}$ c) $\frac{15}{25}$ d) $\frac{2}{18}$

⑥ $\frac{3}{18} = ?$ a) $\frac{5}{30}$ b) $\frac{1}{6}$ c) $\frac{4}{16}$ d) $\frac{1}{2}$

B) Write first 3 equivalent fractions.

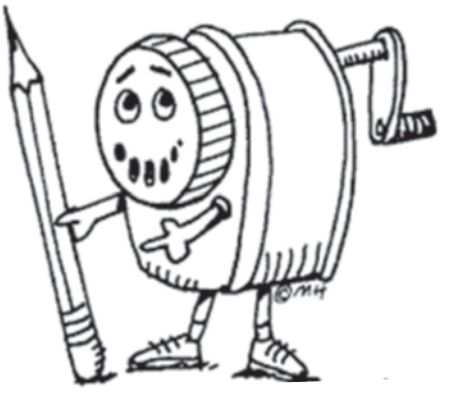
1) $\frac{7}{4} =$ _____

2) $\frac{1}{6} =$ _____

3) $\frac{2}{5} =$ _____

Date : _____

Who am I?



Sharpen Your Skills

1) I have 35 in the numerator.
I am equivalent to 5/9
What fraction am I?

_____

2) I have 8 in the denominator.
I am equivalent to 35/56
What fraction am I?

_____

3) I have 3 in the numerator.
I am equivalent to 9/15
What fraction am I?

_____

4) I have 21 in the numerator
I am equivalent to 3/7
What fraction am I?

_____

5) I have 9 in the denominator.
I am equivalent to 35/63
What fraction am I?

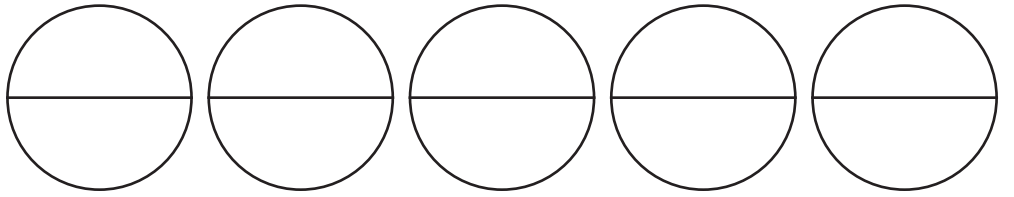
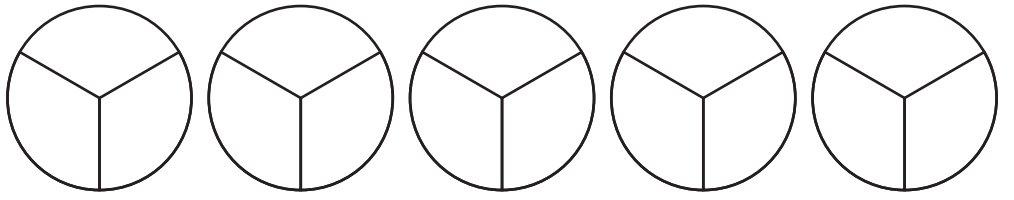
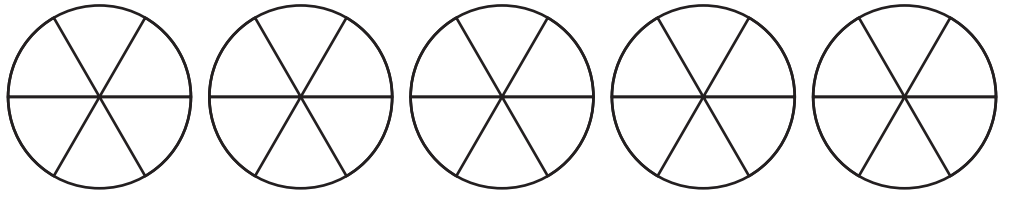
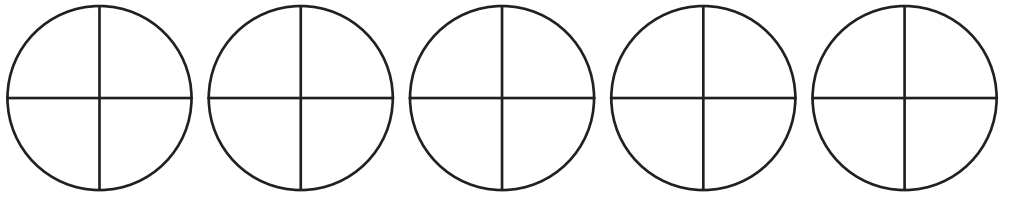
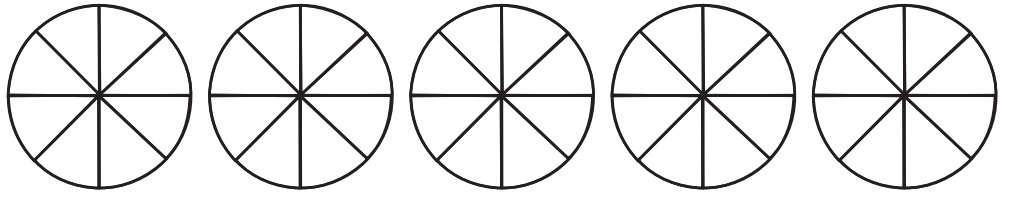
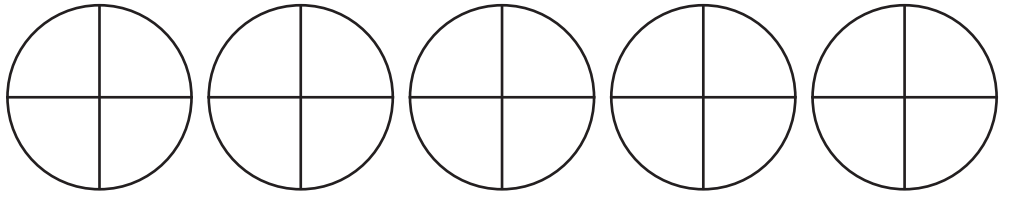
_____

6) I have 27 in the denominator
I am equivalent to 4/9
What fraction am I?

_____

Date : _____

Color and Illustrate the Mixed Numbers

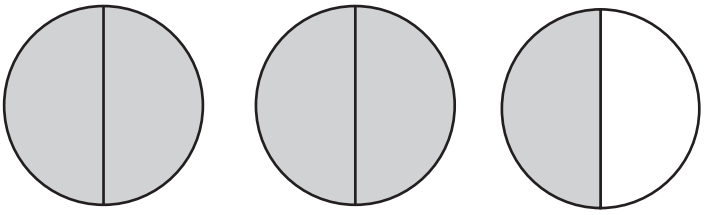
	$3\frac{1}{2}$
	$4\frac{2}{3}$
	$4\frac{5}{6}$
	$1\frac{1}{4}$
	$4\frac{7}{8}$
	$2\frac{3}{4}$

CLASS - IV

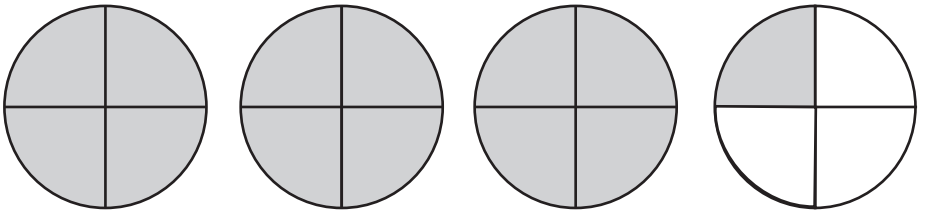
Date : _____

Write the fraction for the following.

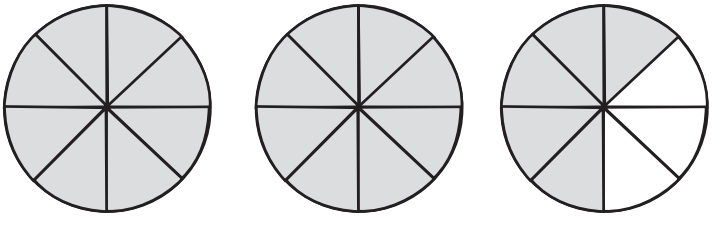
a)



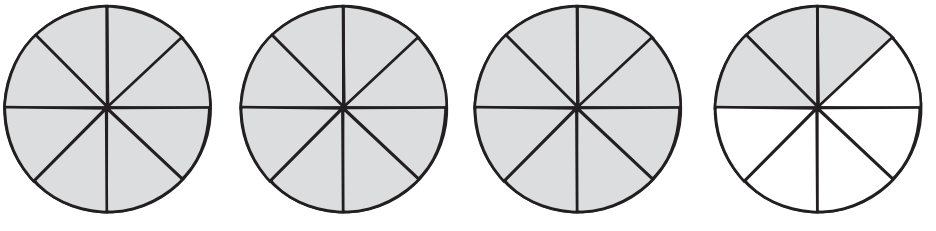
b)



c)



d)



Date : _____

Types of Fractions

Name the following fractions: (proper, improper or mixed)

a) $\frac{18}{5}$ _____

b) $2\frac{1}{8}$ _____

c) $\frac{73}{2}$ _____

d) $\frac{9}{101}$ _____

e) $4\frac{2}{17}$ _____

f) $\frac{14}{15}$ _____

g) $\frac{29}{18}$ _____

h) $\frac{24}{25}$ _____

Date : _____

Convert between Mixed Fraction and Improper Fraction

A) Write as mixed fraction:

a) $\frac{23}{2}$ =	e) $\frac{30}{7}$ =
b) $\frac{17}{6}$ =	f) $\frac{27}{8}$ =
c) $\frac{42}{5}$ =	g) $\frac{47}{9}$ =
d) $\frac{33}{7}$ =	h) $\frac{14}{3}$ =

B) Write as improper fraction:

a) $5\frac{4}{5}$ =	e) $3\frac{5}{9}$ =
b) $2\frac{7}{8}$ =	f) $6\frac{6}{7}$ =
c) $4\frac{2}{9}$ =	g) $8\frac{1}{4}$ =
d) $1\frac{5}{6}$ =	h) $7\frac{2}{9}$ =

Date : _____

Adding like fractions

a) $\frac{4}{3} + \frac{5}{3} =$ ----------

b) $\frac{9}{6} + \frac{10}{6} =$ ----------

c) $\frac{8}{5} + \frac{12}{5} =$ ----------

d) $\frac{12}{11} + \frac{13}{11} =$ ----------

e) $\frac{9}{4} + \frac{7}{4} =$ ----------

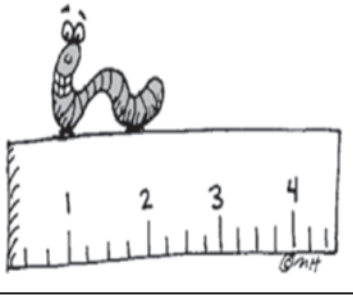
f) $\frac{8}{7} + \frac{11}{7} =$ ----------

g) $\frac{3}{2} + \frac{5}{2} =$ ----------

h) $\frac{10}{9} + \frac{11}{9} =$ ----------

i) $\frac{9}{8} + \frac{14}{8} =$ ----------

j) $\frac{8}{5} + \frac{11}{5} =$ ----------



CLASS - IV

Date : _____

Subtracting like fractions

a) $\frac{7}{8} - \frac{5}{8}$ = ----------

b) $\frac{14}{16} - \frac{10}{16}$ = ----------

c) $\frac{18}{25} - \frac{12}{25}$ = ----------

d) $\frac{24}{30} - \frac{19}{30}$ = ----------

e) $\frac{9}{34} - \frac{7}{34}$ = ----------

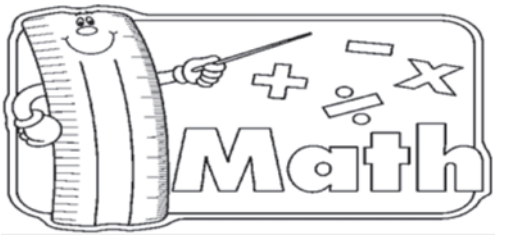
f) $\frac{15}{17} - \frac{11}{17}$ = ----------

g) $\frac{13}{22} - \frac{5}{22}$ = ----------

h) $\frac{19}{29} - \frac{11}{29}$ = ----------

i) $\frac{15}{18} - \frac{14}{18}$ = ----------

j) $\frac{18}{45} - \frac{9}{45}$ = ----------



Date : _____

Addition / Subtraction of unlike fractions

Rough Column

Q. Add the following

1. $\frac{3}{5} + \frac{4}{6}$

2. $\frac{5}{7} + \frac{6}{11}$

3. $\frac{8}{9} + \frac{4}{3} + \frac{2}{6}$

Date : _____

4. $1\frac{4}{7} + 2\frac{1}{4}$

5. $2\frac{5}{6} + 3\frac{1}{3}$

6. $7\frac{2}{5} + 4\frac{3}{8}$

7. $10\frac{2}{3} + 11\frac{2}{5}$

Rough Column

Date : _____

Q. Subtract the following

Rough Column

1. $\frac{3}{2} - \frac{5}{8}$

2. $\frac{5}{7} - \frac{3}{9}$

3. $\frac{6}{9} - \frac{5}{8}$

Date : _____

4. $\frac{4}{9} - \frac{3}{10}$

5. $10\frac{9}{10} - 5\frac{5}{20}$

6. $6\frac{2}{7} - 4\frac{3}{5}$

7. $7\frac{3}{4} - 1\frac{2}{3}$

Rough Column

Date : _____

Kids Sudoku

Fill in the blank squares with the correct numbers so that the numbers appear only once in each row and column.

3			4
		1	
	3		
2			1

CLASS - IV

Date : _____

Pictograph - Pizza Sales

The pictograph shows the sales of pizzas in five rivalry pizzerias on Friday. Use the information from the graph to answer the questions.

Pizza Sales	
Pizzeria	Number of Pizzas
Pizza House	
Domiano's Pizza	
Poppers Pizza	
Little Secrets Pizza	
Uncle John's Pizza	

 Key = 20 Pizzas

1. Which pizzeria has the second largest sales? _____
2. How many pizzas were sold by Domiano's Pizza? _____
3. How many more pizzas were sold by Uncle John than Little Secrets? _____
4. Which pizzeria sold fewer pizzas; Pizza House or Poppers Pizza? _____
5. How many more pizzas should Pizza House need to sell to have the sales equal to Domiano's Pizza? _____

Date : _____

Collecting Information Using Tally

St. Peter School conducts a survey of fifth grade students to identify the special interest in extracurricular activities. The results are listed in tally table.

Extracurricular activities	Tally (represents students)
Drawing	𝍸 𝍸 ||||
Painting	𝍸 |||
Paper craft	𝍸 |
Clay Work	𝍸 ||||
Embroidery Work	|||

1) In which activity is the least popular among students?

Answer: _____

2) Which activity is the least popular among students?

Answer: _____

3) How many students show an interest in clay work?

Answer: _____

4) How many students show an interest in drawing?

Answer: _____

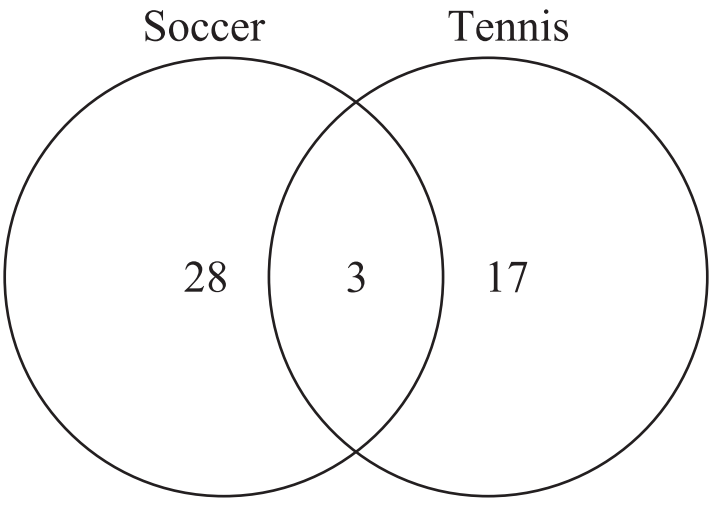
5) How Many students participated in this survey?

Answer: _____

Date : _____

Answer the Questions Based on Venn Diagrams

A survey was conducted among 50 students about their favorite sports. The data is given below:



1) How many students like soccer?

Answer: _____

2) How many students like tennis?

Answer: _____

3) How many students like both soccer and tennis?

Answer: _____

4) How many students like only soccer?

Answer: _____

5) How many students like only tennis?

Answer: _____

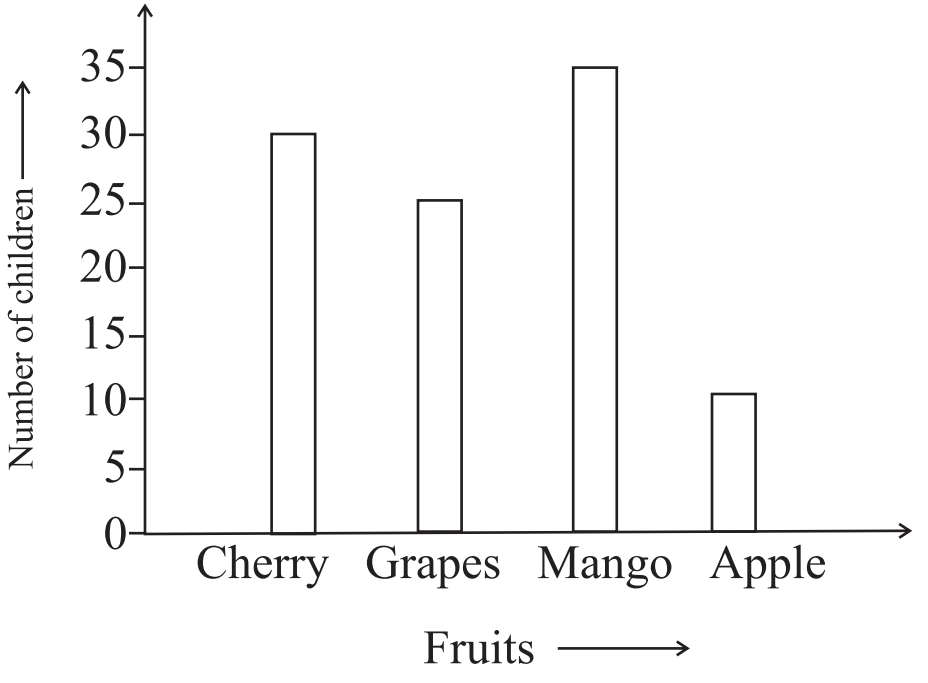
6) How many students like neither soccer nor tennis?

Answer: _____

Date : _____

READING A BAR-GRAPH

1. The bar-graph shows fruit preferences among the children.



Answer the following questions.

a) Which fruit is the most popular? _____

b) Which fruit is the least popular? _____

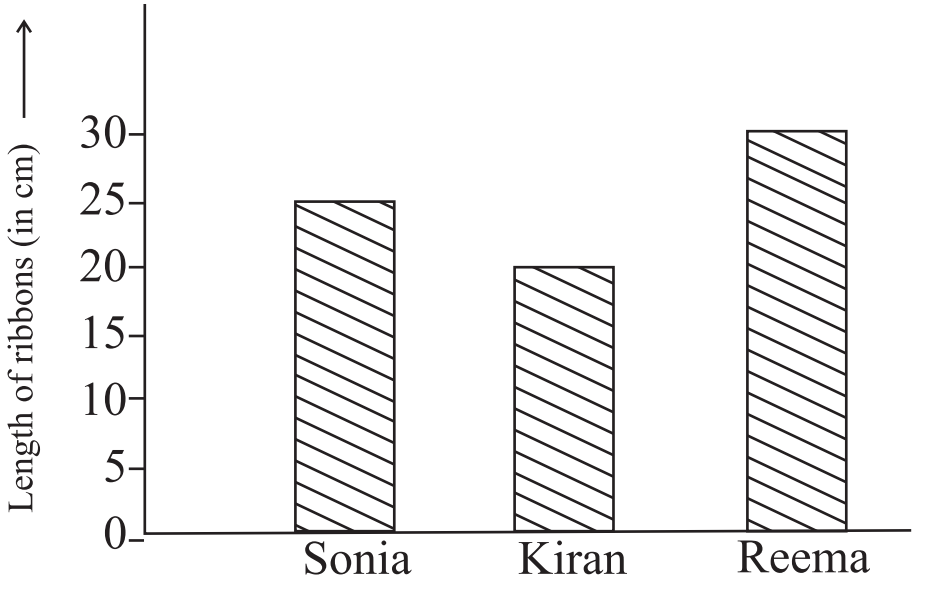
c) How many children prefer cherries? _____

(d) How many less children prefer apples to mango? _____

e) What is the total number of children on whom the survey was conducted? _____

Date : _____

2. Sonia, Kiran and Reema measure the length of their ribbons. They stick their ribbons below. Read the given information carefully and fill in the blanks.



a) _____ has the longest ribbon.

b) _____ has the shortest ribbon.

c) _____ ribbon is longer than that of _____,

but shorter than _____ ribbon.

d) Length of Kiran's ribbon is _____ .

e) Length of Reema's ribbon is _____.

3. Observe the number patterns and fill in the boxes.

a) 12 16 20 ⬡ ⬡ ⬡

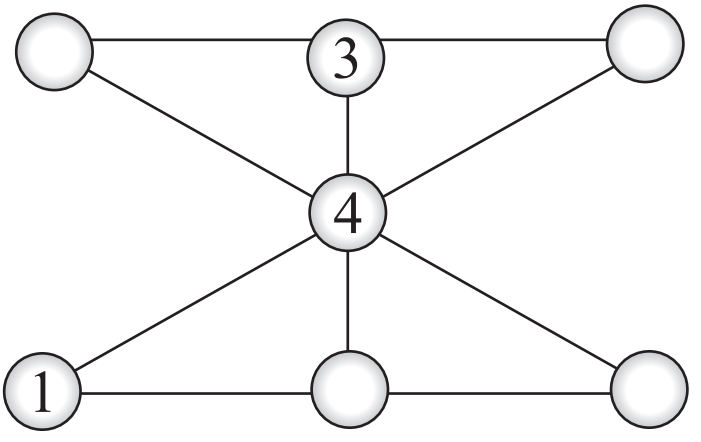
b) 101 111 ⬡ ⬡ ⬡ ⬡

c) 2A 7C 12E ⬡ ⬡ ⬡

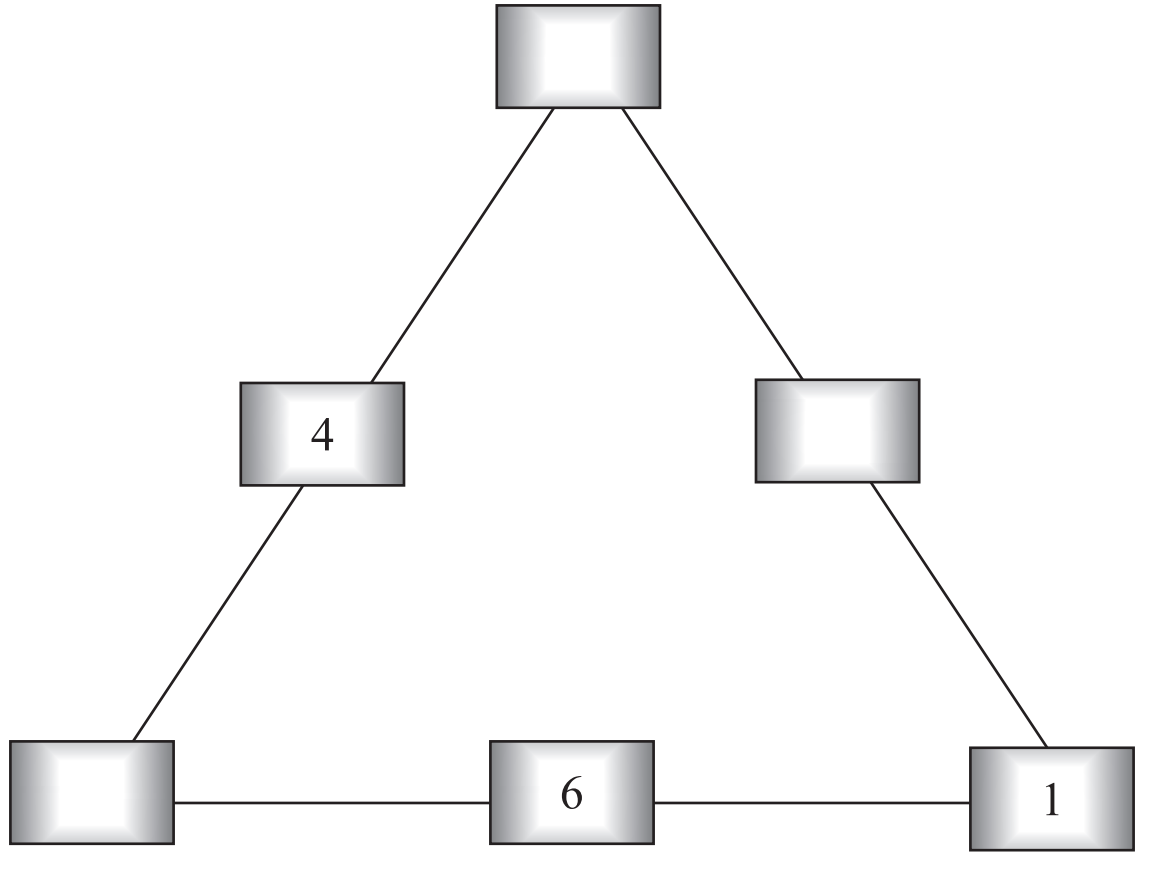
Date : _____

FUN WITH NUMBERS

1. **Complete the pattern using numbers 1 to 7 such that each time adds up to 12.**



2. **Complete the pattern using numbers 1 to 6 such that each side of the triangle adds up to 9**

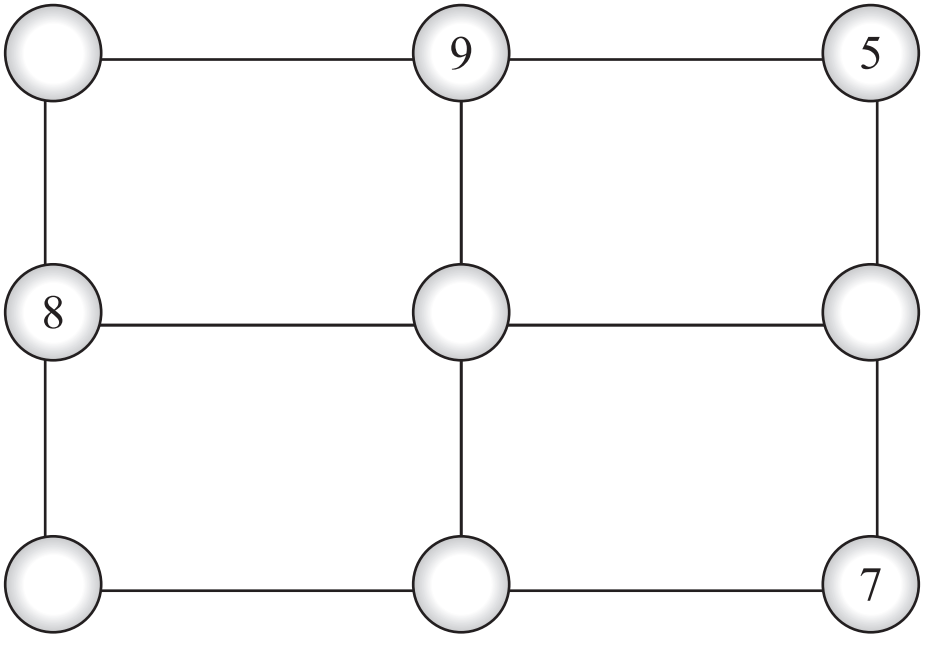


CLASS - IV

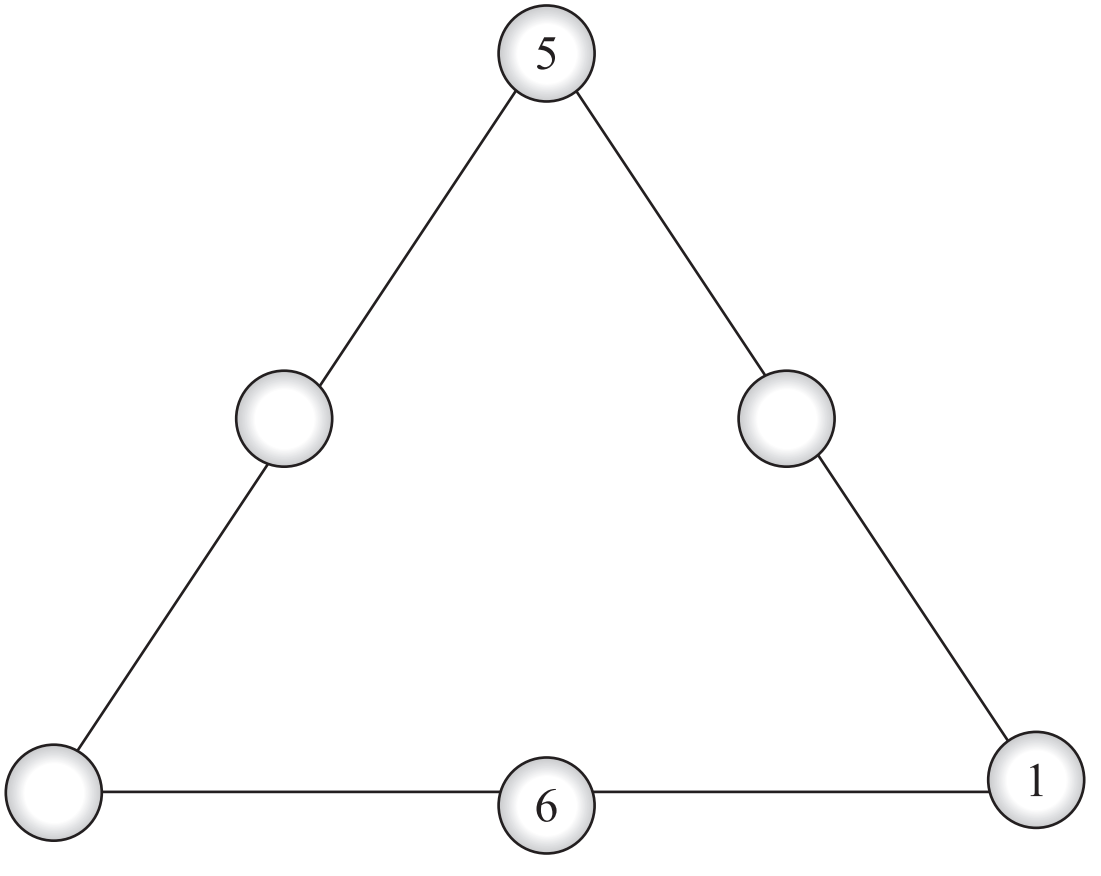
Date : _____

FUN WITH NUMBERS

1. **Fill up the circles with numbers 1 to 9 such that each line adds up to 15.**



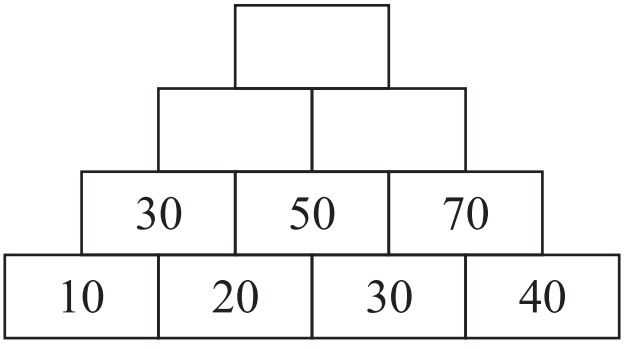
2. **Fill up the circles with numbers 1 to 6 such that each side of the triangle adds up to 10.**



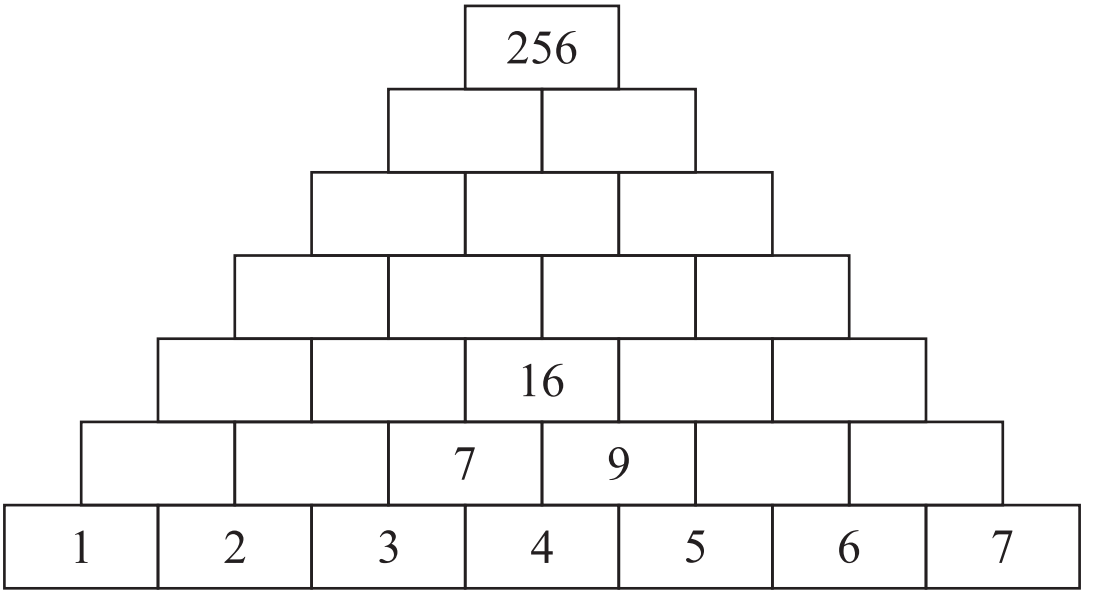
Date : _____

FUN WITH NUMBERS

1. Complete the number tower such that sum of two numbers below is equal to the number in the box above them.



2. Complete the following number tower such that the sum of two numbers below is equal to the number in the box above them.

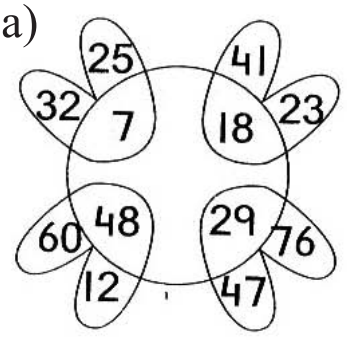


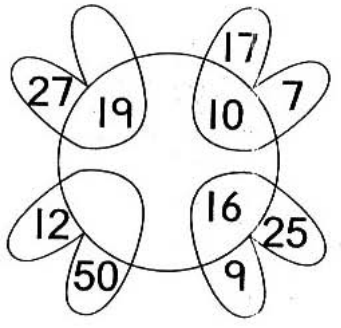
Date : _____

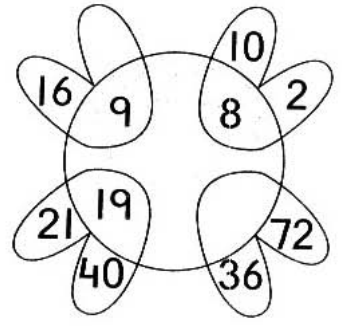
NUMBER PATTERNS

1. Study the patterns and fill in the missing term. One is done for you.

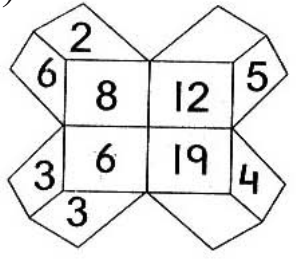
(a)

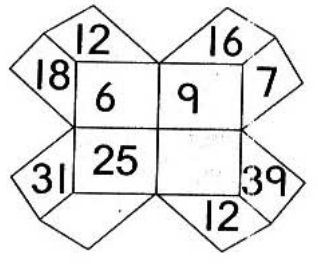


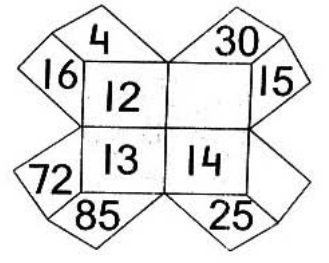




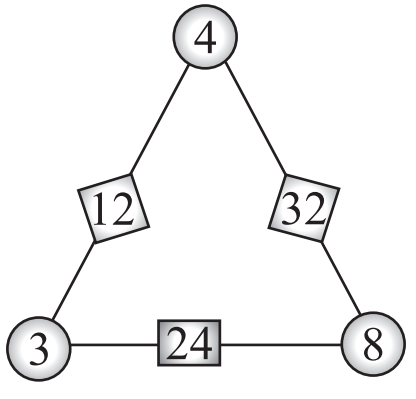
(b)

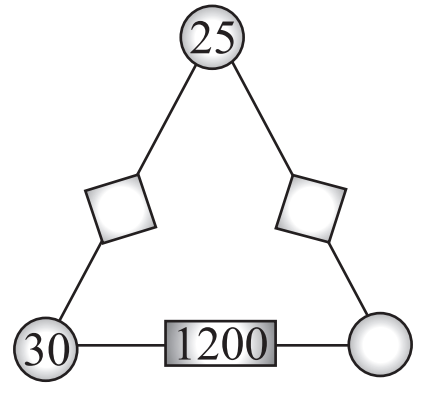


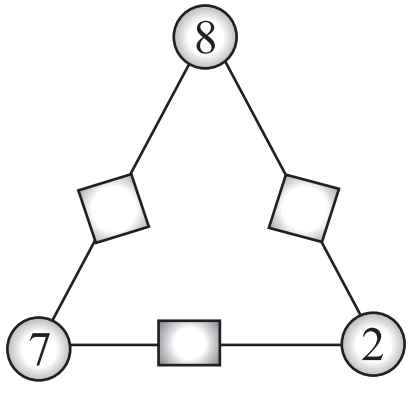


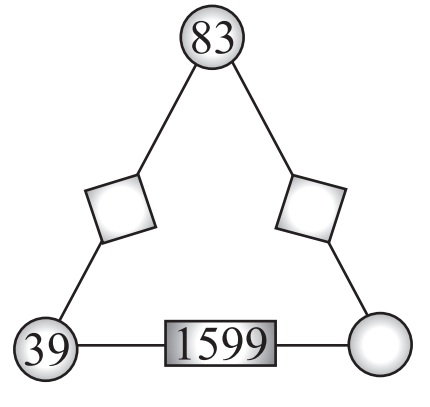


2. Study the pattern and then complete the given figures.





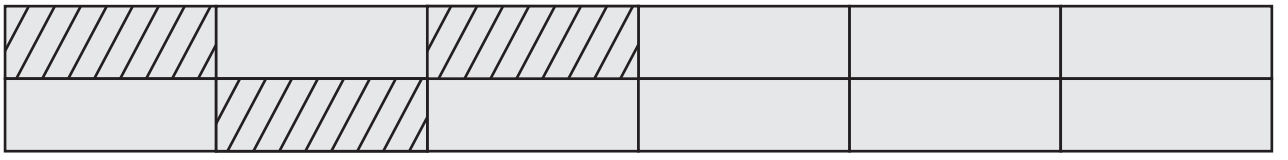


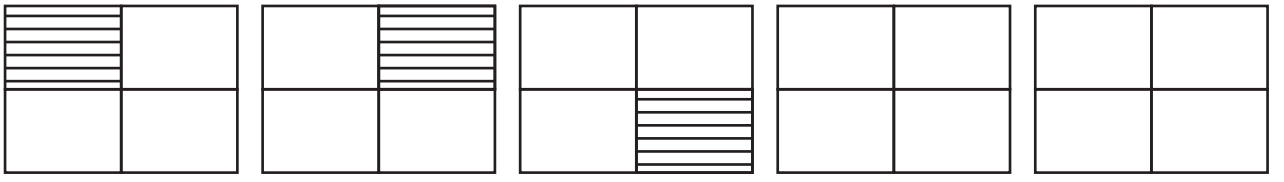


Date : _____

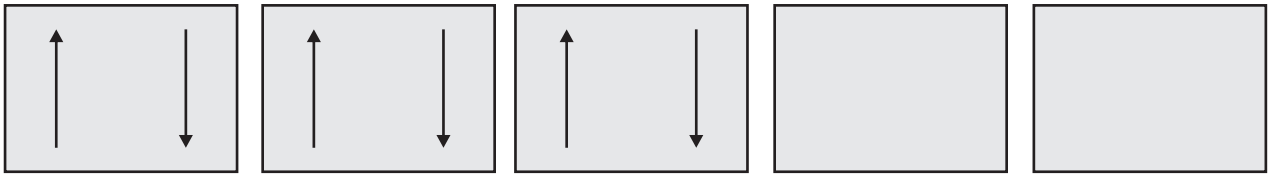
PATTERNS

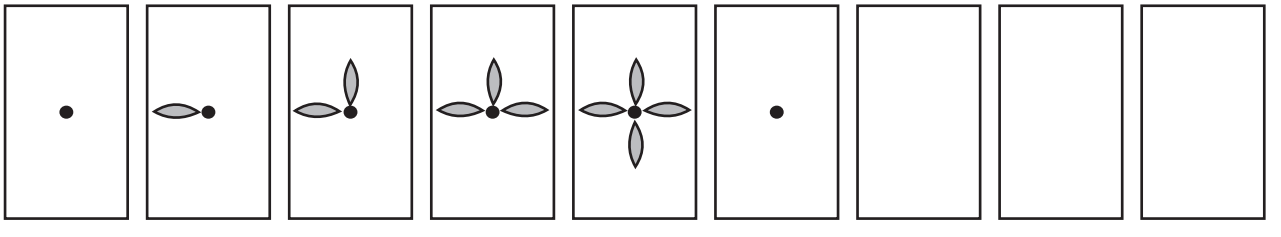
Complete the given patterns.

(a) 

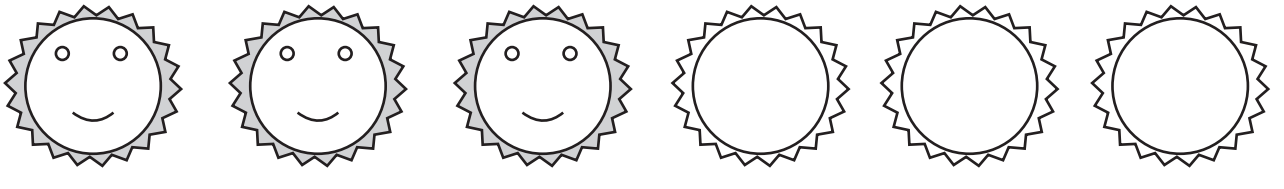
(b) 

(c) 

(d) 

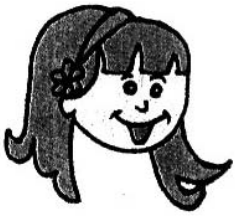
(e) 

(f) 

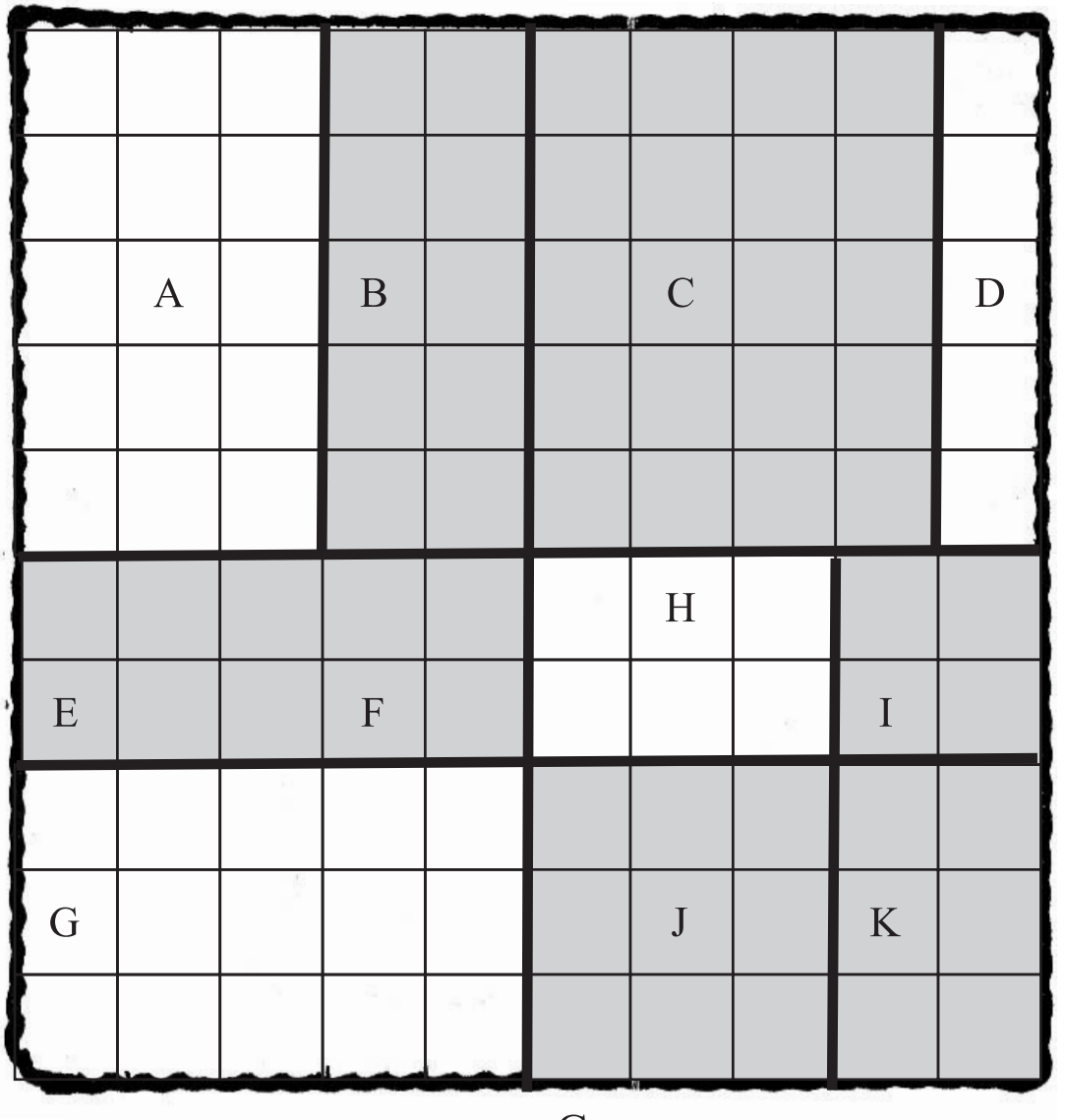
(g) 

CLASS - IV

Date : _____



What fraction of the whole puzzle is covered by each piece?



A _____ G _____

B _____ H _____

C _____ I _____

D _____ J _____

E _____ K _____

F _____ L _____

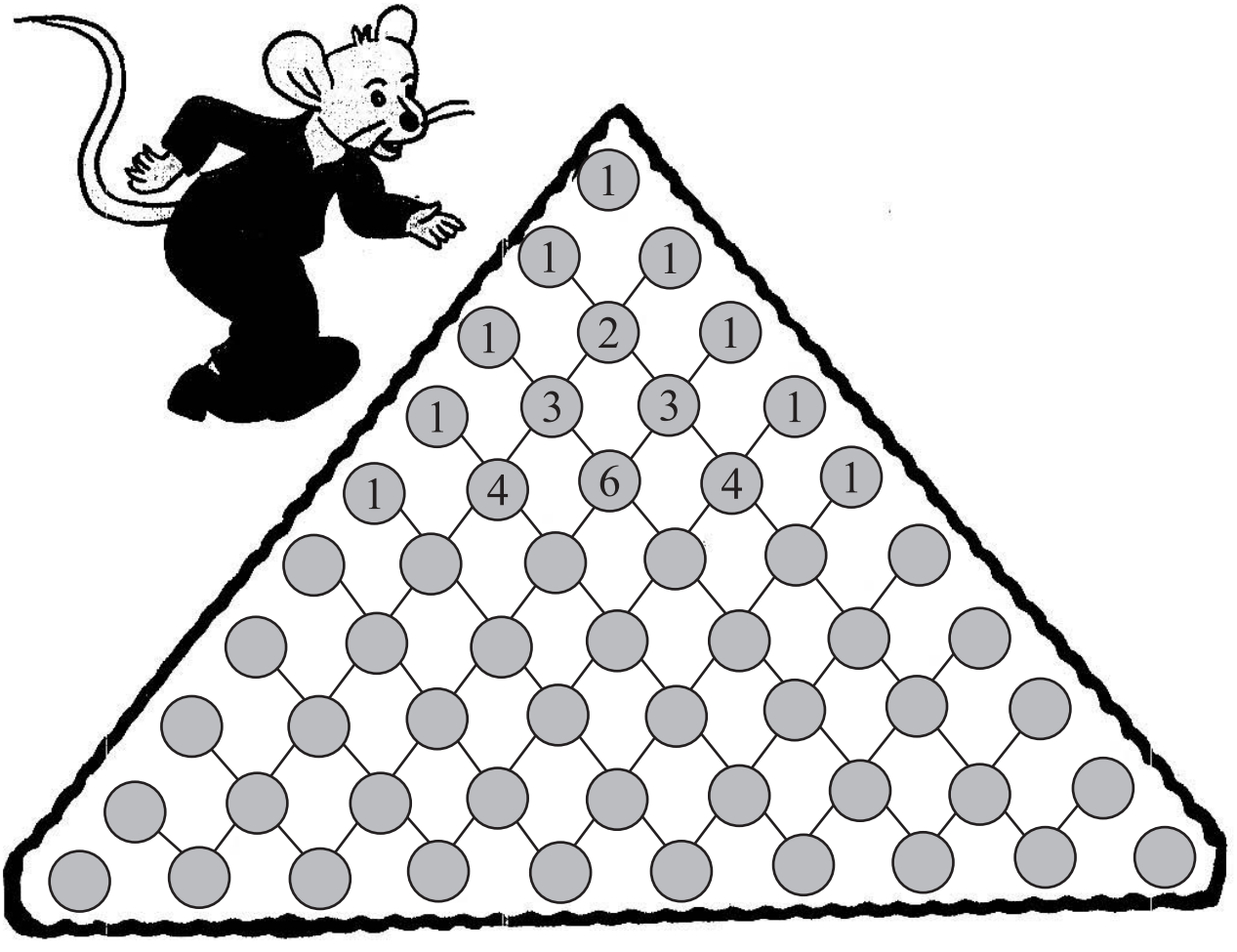
CLASS - IV

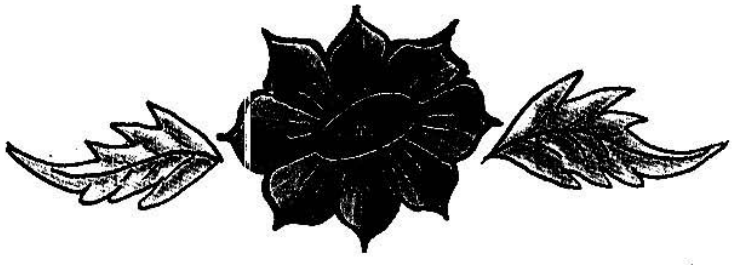
Date : _____

FUN WITH NUMBERS

Pascal's Magic Triangle

Each number is the total of the two numbers above it. Work out the next five lines of Pascal's triangle and write them below.





CLASS - IV

Date : _____

Roman Numerals

HINDU-ARABIC NUMERALS

We have learnt the method of writing large numbers in class 4 using ten numerals (Symbols), i.e. 0, 1, 2, 3, 4, 5, 6, 7, 8, and 9 for writing these numbers. These numerals were first used by the Hindus and then by the Arabians. So these numerals are called **Hindu-Arabic Numerals.** Now these numerals are used all over the world and are thus called **INTERNATIONAL NUMERALS.**

ROMAN NUMERALS

Romans used other symbols for writing numbers. They used only seven basic symbols. They are **I, V, X, L, C, D and M.** Their respective values are given in the following table.

I	V	X	L	C	D	M
1	5	10	50	100	500	1000

In this class, we will learn the use of only the first three symbols, i.e., I, V and X. With the help of these three symbols we can write numbers up to thirty-nine. According to the convention the compound symbols are formed by the rules given below:

Date : _____

Rule No 1

Repetition of I and X means addition, e.g.,

II = 1 + 1 = 2 III = 1 + 1 + 1 = 3

XX = 10 + 10 = 20 XXX = 10 + 10 + 10 = 30

NOTE: I and X can be repeated at the most, three times. V is never repeated.

Rule No 2

If a smaller number is written to the right of a larger one, then the smaller number is added to the larger, e.g.

VI = 5 + 1 = 6 XII = 10 + 1 + 1 = 12 XV = 10 + 5 = 15

Rule No 3

If I written to the left of V or X, it is subtracted, e.g.,

IV = 5 - 1 = 4 IX = 10 - 1 = 9

NOTE: V is never written to the left of X. I is written only once to the left of V and X.

Rule No 4

For numbers between 10 and 40, we first write the number in groups of tens and ones, and then write the Roman Numerals, e.g.,

22 = 10 + 10 + 2 = XXII 39 = 10 + 10 + 10 + 10 + 9 = XXXIX

Date : _____

Q.1 Write the Hindu-Arabic numerals for the following:

a) IX = _____ b) XVI = _____

c) XIX = _____ d) XIV = _____

e) XXXV = _____ f) XXXVII = _____

g) VII = _____ h) XII = _____

i) XXVII = _____ j) XXXVI = _____

k) XXV = _____ l) XXXI = _____

m) XVIII = _____ n) XXXI = _____

Q.2 Write the following in Roman Numerals:

a) 7 = _____ b) 15 = _____

c) 28 = _____ d) 32 = _____

e) 21 = _____ f) 17= _____

g) 23 = _____ h) 37 = _____

i) 26 = _____ j) 13 = _____

k) 11 = _____ l) 39 = _____

Date : _____

Q.3 Which of the following are correct statements:

a) XIX = 19 _____ (True/False)

b) VX = 5 _____ (True/False)

c) XXIX = 29 _____ (True/False)

d) XXXIV = 34 _____ (True/False)

e) XIIV = 17 _____ (True/False)

f) VVV = 15 _____ (True/False)

g) IIV = 3 _____ (True/False)

Q.3 Join the correct numerals by arrows:

a)	XXVI	A)	22
b)	XXII	B)	34
c)	XXXIV	C)	19
d)	XIX	D)	26

Q5. Fill in the boxes by using >, < or = , to make a correct sentence:

a) XIII _____ 15 b) XIX _____ 21

c) XXIV _____ 19 d) XXIX _____ 29

e) XXXV _____ 23 f) XXXI _____ 21

Date : _____

Smart Skills
Answers

Page 1

Q.1

a) 5,43,059 - Five lakhs, forty three thousand, fifty nine.

b) 60,05,860 - Sixty lakhs, five thousand, eight hundred sixty

c) 3,69,48,000 - Three crores, sixty nine lakhs, forty eight thousand one lakh, nine.

d) 1,00,009 - one lakh, nine.

Q.2

	Period	Places
1)	Ones	Ones, tens, hundreds
2)	Thousands	One thousand, then thousand
3)	Lakhs	one lakh, ten lakh
4)	Crores	one crore, ten crore

Page 2

Q.1

a) 1, 75, 006

b) 24, 00,001

c) 9,01,08,000

d) 22,00,000

e) 8,00,06,020

Q.2

a) >

b) >

c) <

d) <

e) >

Date : _____

Page 3

Q.1

a) 300 = 3 hundreds

b) 60 = 6 tens

c) 30,000 = 3 ten thausand

d) 0 = 0 lakhs

e) 1,00,000 = 1 lakh

Q.2

	Place	Period
a)	Hundreds	Ones
b)	Ten Thousand	Thousand
c)	Lakhs	Lakhs
d)	Lakhs	Lakhs
e)	Tens	Ones

Page 4

Q. 1 707

Q.2 810

Q.3

a) 1468, 1486, 1648, 6481

b) 9099, 9909, 9990, 9999

Q.4

a) 6421, 6412, 2164, 2146

b) 84335, 83454, 83445, 8345

Page 5

Q.1

a) 53,14,620

(i) 50,00,000 + 3,00,000 + 10,000 + 4000 + 600 + 20 + 0

(ii) 5 ten lakhs + 3 lakhs + 1 ten thousand + 4 thousand + 6 hun dred + 2 tens + 0 ones

b) 9,51,006

(i) 9,00,000 + 50, 000 + 1000 + 6

(ii) 9 lakhs + 5 ten thousand + 1 thousand + 6 ones

c) 17,00,000

(i) 10,00,000 + 7,00,000

(ii) 1 ten lakhs + 7 lakhs

Q.2

a) 3,40,003

b) 73,020

c) 80,09,001

d) 64,024

Page 6

Q.1

a) 764665

b) 588963

c) 359841

d) 1662243

Date : _____

Q.2

a) 63208

b) 114645

c) 30009

d) 58699

Q.3

a) 6,39,900

b) 39,530

c) 4,55,890

d) 994

e) 1,00,000

Page 7

Q1.

a) >

b) <

c) <

d) <

e) <

Q.2

a) Smallest - 1246
Greatest - 6421

b) Mallest - 3079
Greatest - 9730

Q.3

a) Smallest - 22467
Greatest-77642

b) Smallest-30089
Greatest-99830

Page 8

Q.1

1) False

2) False

3) True

4) True

5) False

6) False

7) False

Q.2

1. (b)

2. (c)

3. (d)

Page 9

Q.3

1) 1,00,000

2) 10,000

3) 630

4) 2000

Date : _____

5) 125

6) 0

7) 200

8) 109

9) 1 less

10) 12660

Page 10

Q.1

a) Five million, thirty nine thousand, eighty six.

b) Seventy four million, five hundred eighty nine thousand, two hundred thirty six.

c) Seven million, nine hundred eighty two thousand, three hundred eighty five.

d) Thirty four milion, seven hundred thousand, two hundred fourteen.

e) Forty two million, four hundred two thousand, four hundred.

f) Ninety three thousand, seven hundred sixty four.

g) Sixty seven million, sixty three thousand, three hundred sixteen.

Page 11

a) 4,408,907

b) 3,700,337

c) 8,080,606

d) 4,102,005

e) 7,000,070

f) 9,000,000

g) 2,202,002

h) 1,008,311

Page 12

Q.1

1) 41,441

2) 2,977,706

3) 4,96,102

4) 6,12,511

5) 9,94,949

6) 5,57,782

7) 8,18,807

8) 8,83,149

Page 13

(a)
$$\begin{array}{r} 7\,\underline{8}\,2\,3 \\ +\,3\,3\,\underline{9}\,8 \\ \hline \underline{1}\,\underline{1}\,2\,2\,\underline{1} \\ \hline \end{array}$$

b)
$$\begin{array}{r} \underline{2}\,4\,\underline{5}\,3 \\ +\,6\,\underline{5}\,6\,\underline{8} \\ \hline 9\,0\,2\,1 \\ \hline \end{array}$$

c)
$$\begin{array}{r} 5\,\underline{7}\,8\,\underline{7} \\ +\,2\,3\,\underline{7}\,9 \\ \hline \underline{8}\,1\,6\,6 \\ \hline \end{array}$$

d)
$$\begin{array}{r} \underline{3}\,2\,\underline{8}\,7 \\ +1\,8\,9\,\underline{6} \\ \hline 5\,\underline{1}\,8\,3 \\ \hline \end{array}$$

Date : _____

Page 14

Q.1

1) 23,464
2) 27,172
3) 7300 m
4) 22,842

Page 15

Q1.

a) 4,19,759
b) 5,50,018
c) 5,66,696
d) 40,558
e) 1,27,458
f) 45,824

Page 16

A MUSHROOM

GLOVES

Page 17

Q.1

a) 6348
b) 35,760 ; 88,605
c) 3608 ; 564
d) 18,960 ; 5296
e) 0
f) 71,463
g) 0
h) 753
i) 1912
j) 2,47,734

Page 18

Q.1

1) 8059
2) 18,722
3) 10,980
4) Rs. 12,475

Page 19

1) 1,26,645
2) 92,358
3) 9,52,375
4) 5,84,789
5) 14,80,644
6) 7,36,053
7) 50,11,361
8) 6,95,336
9) 4,49,648

Date : _____

Page 20

Q.1

a) 18

b) 0

c) 221

d) 635; 220

e) 63

f) 15

g) 49; 85

h) 1

i) 365

j) 8705

k) 1

e) 0

m) 0

n) 736

o) 1

p) 10

q) 0

r) 104

s) 2463

t) 0

Page 21

1) 18,432

2) 64,789

3) 69,748

4) 13,908

5) 38,872

6) 36,405

7) 42,560

8) 35,568

9) 9,324

Page 22

a) 5,50,108

b) 5,39,325

c) 1,90,944

d) 66,704

e) 2,69,780

f) 2,66,490

Page 23

Q.1

a) 31500

b) 16700

c) 9500

d) 74300

e) 321600

f) 36900

Date : _____

g) 540500
h) 27500
i) 301000
j) 109000

Q.2
a) 2800
b) 17100
c) 2600
d) 50400
e) 8000
f) 139200
g) 211800
h) 27200
i) 54600
j) 214200

Page 24
Q.1 ₹18900
Q.2 24215 toys
Q.3 31460 bouquets
Q.4 1440 minutes

Page 25
a) 0
b) 0
c) 1
d) 2
e) 9
f) 21
g) 0
h) 12
i) 12
j) 14
k) 16
l) 10
m) 45
n) 45

Page 26
Q.1
a) 5572
b) 4410 ; R = 6
c) 14181
d) 5895, R = 3
e) 16341
f) 16835

Page 27
Q.1
a) 347 ; R = 4
b) 1592 ; R = 58
c) 5528 ; R = 11
d) 1661 ; R = 44

Date : _____

Page 28

Q.1

a) Q = 5 ; R = 5

b) Q = 16 ; R = 8

c) Q = 57 ; R = 5

d) Q = 309 ; R = 0

e) Q = 20 ; R = 6

f) Q = 73 ; R = 18

g) Q = 3 ; R = 41

h) Q = 4 : R = 150

i) Q = 6 ; R = 900

j) Q = 10 ; R = 612

Page 29

Q.1

a) Q = 263 ; R = 1

b) Q = 545 ; R = 0

c) Q = 498, ; R = 7

Page 30

Q.1

1) Rs. 375

2) Rs. 3525

3) Rs. 96

4) 625 km

Page 32

a) 31

b) 48

c) 23

d) 51

e) 41

f) 84

g) 17

h) 22

Page 33

boo-berry

muffin

Page 34

Q.1 410 ÷ 5

Q.2 36 ÷ 12

Q.3 140 × 5

Q.4 98 × 8

Pgae 35

Q.1 70, 67, 64, 61, 58

Q.2 2, 12, 72, 432, 2592

Q.3 18, 40, 62, 84, 106

Q.4 54, 69, 84, 99, 114

Q.5 7, 21, 63, 189, 567

Q.6 69, 65, 61, 57, 53

Date : _____

Q7. 57, 77, 97, 117, 137

Q.8 92, 87, 82, 77, 72

Q.9 39, 57, 75, 93, 111

Q.10 63, 54, 45, 36, 27

Page 36

1) FRIDAY
2) TUESDAY
3) SUNDAY
4) MONDAY
5) WEDNESDAY
6) SATURDAY
7) THURSDAY

Page 37

a) Multiples of 2 : 4 , 12
b) of 3 : 9 , 21
c) of 4 : 4 , 12
d) of 5 : 20 , 35
e) of 6 : 12 , 42
f) of 7 : 7 , 45

Page 38

1 (e)
2 (d)
3 (c)
4 (b)
5 (a)

Page 39

No.	Factors	P/c
20	1,2,4,5,10,20	C
5	1, 5	P
13	1, 13	P
18	1, 2, 3, 6, 9, 18	C
41	1, 41	P
17	1, 17	P
2	1, 2	P

Page 40

$72 = 2 \times 2 \times 2 \times 3 \times 3$

$84 = 2 \times 2 \times 3 \times 7$

$69 = 3 \times 23$

$95 = 5 \times 19$

Page 41

1) H.C.F = 4
2) H.C.F = 5
3) H.C.F = 7
4) H.C.F = 6

Page 42

a) 6
b) 12
c) 10
d) 35

Date : _____

e) 18

f) 8

g) 48

h) 24

i) 8

j) 56

Q.2

a) 60, 120, 180

b) 100, 200, 300

c) 60, 120, 180

d) 22, 44, 66

Page 44

a) $\frac{3}{8}$

b) $\frac{6}{8}$

c) $\frac{6}{8}$

d) $\frac{4}{8}$

e) $\frac{5}{8}$

f) $\frac{3}{8}$

g) $\frac{5}{8}$

h) $\frac{7}{8}$

i) $\frac{5}{8}$

Page 45

a) 26

b) $\frac{7}{26}$

c) $\frac{3}{26}$

d) $\frac{3}{26}$

e) $\frac{5}{26}$

Page 46

(a) $\frac{2}{7}, \frac{3}{7}, \frac{4}{7}, \frac{6}{7}$

(b) $\frac{1}{19}, \frac{3}{19}, \frac{4}{19}, \frac{7}{19}$

(c) $\frac{63}{132}, \frac{75}{132}, \frac{117}{132}, \frac{121}{132}$

(d) $\frac{11}{121}, \frac{35}{121}, \frac{50}{121}, \frac{74}{121}$

Page 47

(a) $\frac{148}{15}, \frac{117}{15}, \frac{72}{15}, \frac{43}{15}$

(b) $\frac{121}{77}, \frac{61}{77}, \frac{39}{77}, \frac{24}{77}$

(c) $\frac{61}{81}, \frac{57}{81}, \frac{35}{81}, \frac{15}{81}$

(d) $\frac{74}{16}, \frac{37}{16}, \frac{15}{16}, \frac{11}{16}$

Date : _____

Page 48

1) $1\frac{1}{3}$ 2) $\frac{2}{3}$

3) $\frac{3}{7}$ 4) $1\frac{3}{4}$

5) $\frac{9}{28}$ 6) $\frac{3}{5}$

7) $1\frac{1}{10}$ 8) $\frac{2}{5}$

9) $\frac{8}{13}$ 10) $\frac{1}{4}$

Page 49

1) 470 2) 7
3) 24 4) 14
5) 64 6) 24
7) 96 8) 63
9) 8 10) 10

Page 50

1) $\neq$
2) $=$
3) $=$
4) $\neq$
5) $\neq$
6) $=$
7) $=$
8) $\neq$
9) $\neq$
10) $=$

Page 51

A) 1) b 2) c
3) a 4) d
5) b 6) a

(B) 1) $\frac{14}{8}, \frac{21}{12}, \frac{28}{16}$

2) $\frac{2}{12}, \frac{3}{18}, \frac{4}{24}$

3) $\frac{4}{10}, \frac{6}{15}, \frac{8}{20}$

Page 52

1) $\frac{35}{63}$ 4) $\frac{21}{49}$

2) $\frac{5}{8}$ 5) $\frac{5}{9}$

3) $\frac{5}{9}$ 6) $\frac{12}{27}$

Page 54

1) $2\frac{1}{2}$ 3) $2\frac{5}{8}$

2) $3\frac{1}{4}$ 4) $3\frac{3}{8}$

Date : _____

Page 55

a) Improper
b) Mixed
c) Improper
d) Proper
e) Mixed
f) Proper
g) Improper
h) Proper

Page 56

(A) a) $11\frac{1}{2}$ e) $4\frac{2}{7}$
b) $2\frac{5}{6}$ f) $3\frac{3}{8}$
c) $8\frac{2}{5}$ g) $5\frac{2}{9}$
d) $4\frac{5}{7}$ h) $4\frac{2}{3}$

(B) a) $\frac{29}{5}$ e) $\frac{32}{9}$
b) $\frac{23}{8}$ f) $\frac{48}{9}$
c) $\frac{38}{9}$ g) $\frac{33}{4}$
d) $\frac{11}{6}$ h) $\frac{65}{9}$

Page 57

(A) a) 3 f) $2\frac{5}{7}$
b) $3\frac{1}{6}$ g) 4
c) 4 h) $2\frac{1}{3}$
d) $3\frac{2}{11}$ i) $2\frac{7}{8}$
e) 4 j) $3\frac{4}{5}$

Page 58

a) $\frac{1}{4}$ f) $\frac{4}{17}$
b) $\frac{1}{4}$ g) $\frac{4}{11}$
c) $\frac{6}{25}$ h) $\frac{8}{29}$
d) $\frac{1}{6}$ i) $\frac{1}{18}$
e) $\frac{1}{17}$ j) $\frac{1}{5}$

Page 59

3	1	2	4
4	2	1	3
1	3	4	2
2	4	3	1

Date : _____

Page 60

1) Domiano's Pizza
2) 100
3) 40
4) Poppers Pizza
5) 30

Page 61

1) Drawing
2) Embroiderywork
3) 9
4) 14
5) 40

Page 62

1) 31
2) 20
3) 3
4) 28
5) 17
6) 2

Page 63

Q1.

a) Mango
b) Apple
c) 30
d) 25
e) 100

Q.2

a) Reema
b) Kiran
c) Soni's, Kiran's, Reema's
d) 20cm
e) 30cm

Q.3

a) 24, 28, 32
b) 121, 131, 141, 151
c) 17G, 22I, 27K

Date : _____

Math Problem Search

Hidden within this grid are 27 addition, subtraction, multiplication and division problems. They may be positioned horizontally (right) or vertically (down). Can you find all of them?

9	8	2	6	10	16	9	5	7	12
6	7	2	60	10	6	2	2	4	10
8	56	4	5	1	5	19	- 9	=10	8
14	24	3	8	3	8	4	3	7	9
6	9	4	5	5	3	15	10	7	72
18	6	3	10	10	6	4	8	2	16
9	3	8	11	3	27	9	3	10	6
20	10	10	2	1	1	3	8	7	56
4	8	2	16	4	5	20	8	7	1
8	9	16	8	2	2	3	4	7	3

CLASS - IV

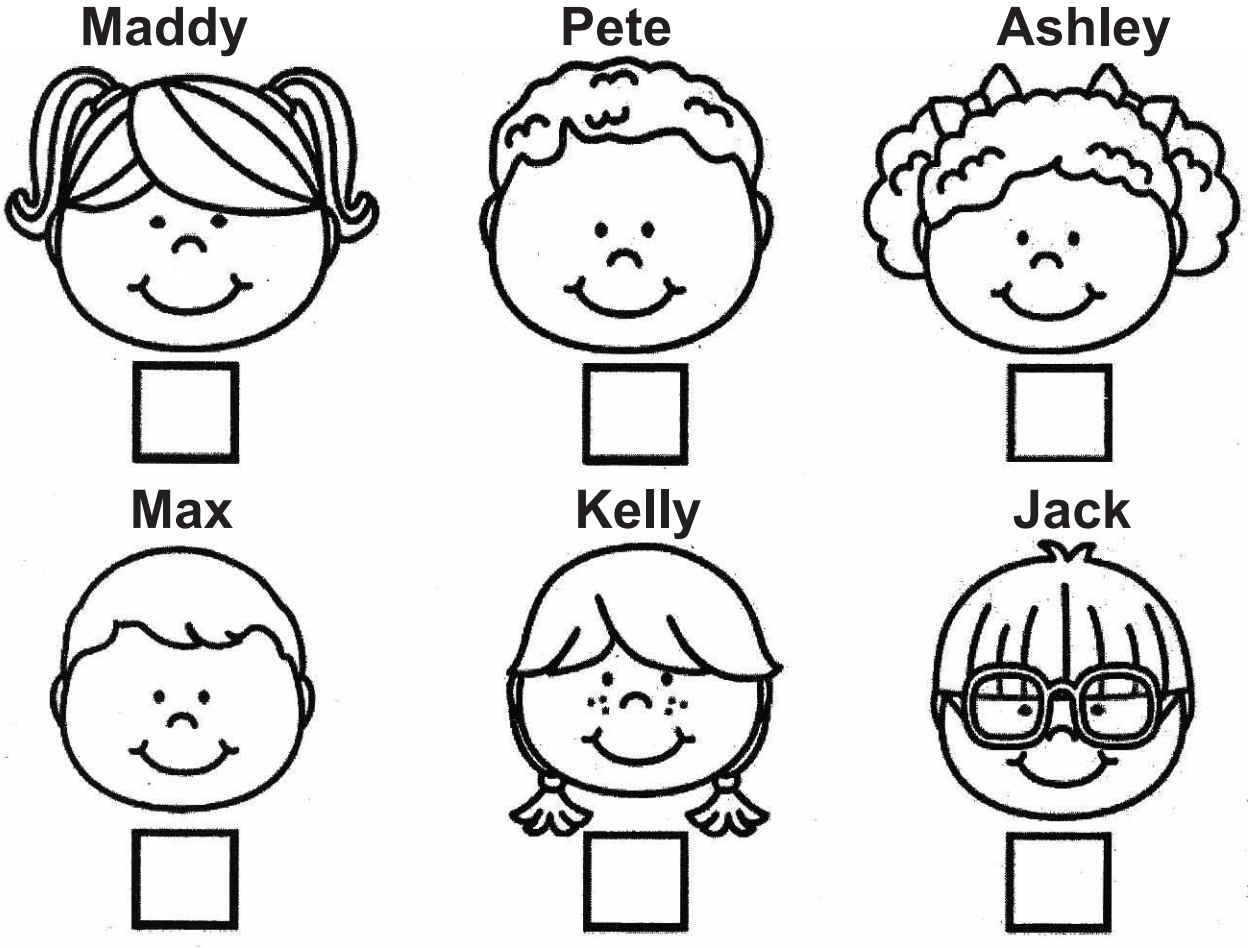
Date : _____

Puzzle #l: How Old Am I?

Name: _____ Date:_____

Directions: Read the descriptions of the kids to find out their ages.
Write the kids' ages below.

- Kelly is 3 years older than Pete.
- Jack is the same age as Ashley.
- Max is 2 years older than kely.
- Pete is 9 years old.
- Ashley is 3 years younger than Max, and 2 years older than Maddy.



Date : _____

Addition up to 50

■	1	2	■	3	4	■
5	■	6	7	■	8	9
10	11	■	12	13	■	
■	14	15	■	16	17	■
18	■	19	20	■	21	22
23	24	■	25	26	■	
■	27		■	28		■

Across

1. 15 + 28
3. 16 + 16
6. 7 + 5
8. 18 + 26
10. 14 + 9
12. 10 + 11
14. 29 + 15
16. 14 + 18
19. 7 + 14
21. 25 + 18
23. 9 + 5
25. 12 + 31
27. 28 + 12
28. 12 + 25

Down

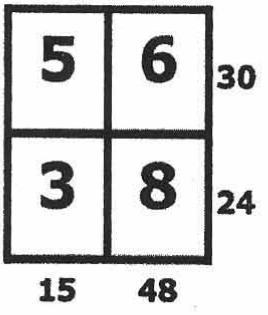
2. 15 + 16
4. 5 + 19
5. 18 + 14
7. 5 + 17
9. 25 + 24
11. 17 + 17
13. 6 + 7
15. 24 + 18
17. 7 + 17
18. 12 + 19
20. 5 + 9
22. 12 + 26
24. 9 + 35
26. 17 + 16

Date : _____

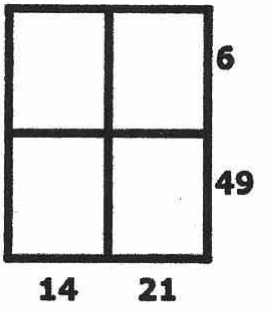
Multiplication Square Puzzles

Fill in each square with sets of factors so that the products on the right-hand side and the bottom are correct.

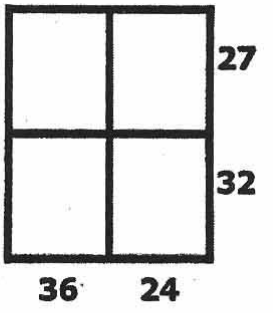
Example:



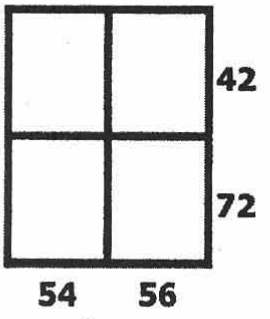
a.



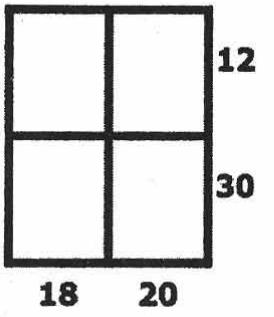
b.



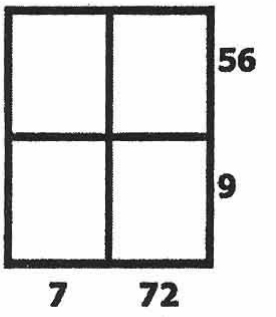
c.



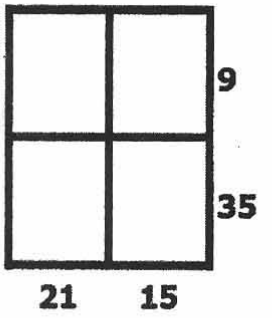
d.



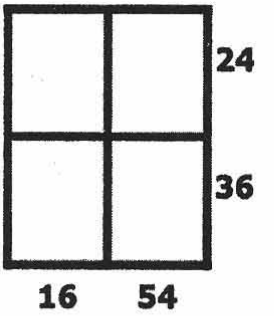
e.



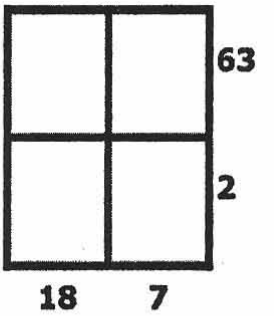
f.



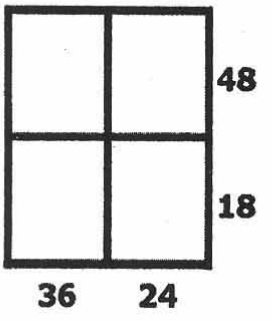
g.



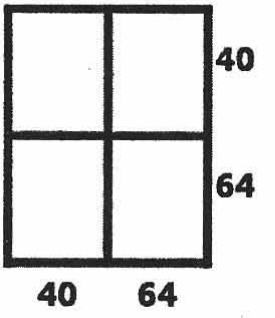
h.



i.



j.



k.