



Sanskriti School

*Learning
Ladder*









MATHEMATICS

CLASS - V

Date : _____

Name : _____

Fraction			
Q1. Find the sum a) $\frac{4}{8} + \frac{1}{8}$ b) $\frac{7}{9} + \frac{5}{9}$			
I can add like fractions			
Q2. Find the difference : a) $\frac{8}{7} - \frac{1}{7}$ b) $8\frac{3}{7} - 1\frac{4}{7}$			
I can subtract like fractions			

Date : _____

Name : _____

Q3. Find the sum:

a) $\frac{5}{7} + \frac{3}{11}$

b) $2\frac{3}{4} + 4\frac{2}{3}$

I can add unlike fractions



Q4. Find the difference:

a) $6\frac{3}{4} - 2\frac{1}{10}$

b) $8 - 2\frac{1}{6}$

I can subtract unlike fractions



Date : _____

Name : _____

Q5. Find the product

a) $\frac{16}{35} \times \frac{7}{8}$

b) $2\frac{4}{7} \times 1\frac{1}{3} \times 1\frac{2}{5}$

I can Multiply fractions



Q6. Find the reciprocal of:

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

c) $1\frac{1}{4}$

b) $\frac{9}{18}$

d) 12

I can write the reciprocal



Q7. Divide:

a) $\frac{27}{32} \div \frac{45}{56}$

b) $3\frac{5}{8} \div 1\frac{5}{24}$

I can divide fractions



Date : _____

Name : _____

Q8. Identify the operation:

a) How many packets of $1\frac{1}{4}$ kg each can be made from a bag containing 5 kg sugar? ____
















b) A tailor required $2\frac{3}{4}$ m of cloth for 1 shirt.
How much cloth is required to make 12 such shirts _____

I can identify the operation


















Date : _____

Name : _____

Decimals			
Q1. Write as decimals a) five hundredths _____ b) forty two and thirty one thousandths the			
I can write a decimals number for the given number name			
Q2. Write the next three decimals a) 6.73 6.74 6.75 _____ b) 4.7 4.8 4.9 _____			
I can write the next 3 decimals of a given decimal			
Q3. Build a decimal number with a) 4 in the ones places, 6 in the hundredths place _____ b) 7 in the hundredths place, 4 in the thousandths place_____			
I can build a decimal numbers			
Q4. Write the fraction as decimal numbers a) $\frac{19}{1000}$ b) $4\frac{2}{100}$			
I can convert a fraction to a decimal.			
Q5. Write the decimal number as a fraction a) 0.56 b) 28.005			
I can convert a decimal no. into a fraction			

Date : _____

Name : _____

<p>Q6. Write the decimal number for</p> <p>a) $6 + \frac{1}{10} + \frac{2}{100} =$ _____</p> <p>b) $50 + 4 + \frac{7}{1000} =$ _____</p>			
I can write a decimal no. for the given expanded form			
<p>Q7. Write the expanded form in 2 ways</p> <p>a) 7.3 1. 2.</p> <p>b) 0.308 1. 2.</p>			
I can expand a given decimal number			
<p>Q8. Convert unlike decimals to like decimals</p> <p>a) 4.3, 4.32 _____</p> <p>b) 2.73, 4.6, 19.309 _____</p>			
I can convert unlike decimals into like decimals			
<p>Q9. Fill in the blanks with > or <</p> <p>a) 8.26 <input type="text"/> 4.62</p> <p>b) 8.7 <input type="text"/> 7.8</p> <p>c) 0.09 <input type="text"/> 1</p> <p>d) 7.30 <input type="text"/> 7.03</p>			
I can compare 2 fractions			
<p>Q10. Arrange in ascending order</p> <p>a) 6.6, 6.06, 0.66, 6.66 _____</p> <p>b) 92.2, 9.22, 0.922, 0.292 _____</p>			
I can arrange decimal numbers in ascending order			

Date : _____

Name : _____

Q11. Arrange descending order

a) 8.3, 8.38, 0.838, 8.33 _____

b) 0.65, 6.5, 65.0, 0.065 _____

I can arrange decimal numbers in descending order



Q12. Arrange the numbers in vertical columns and add

a) 4.65, 29.3

b) 4.31, 62.156, 0.2

I can add decimal numbers



Date : _____

Name : _____

Q13. Arrange the numbers in vertical column and subtract

a) $42.906 - 1.83$

b) $62 - 24.95$

I can subtract decimal numbers



Q14. Find the product

a) 4.62×9

b) 12.6×0.95

I can find the product of decimal numbers



Date : _____

Name : _____

Q15. Divide

a) $7.2 \div 8$

b) $0.06 \div 0.12$

I can divide decimal number



Q16. Fill in the blanks

a) $7.23 \times 10 =$ _____

b) $4.6 \times 1000 =$ _____

c) $17.85 \div 100 =$ _____

d) $6.247 \div 1000 =$ _____

I can multiply/ divide by 10,100,1000



Q17. Story Sums

a) A train cover 92.65 km in one hour. How much distance will it cover in 9 hours?

b) Shama has ₹ 700.75, while Kavita has ₹ 707.05. Who has more money and how much more?

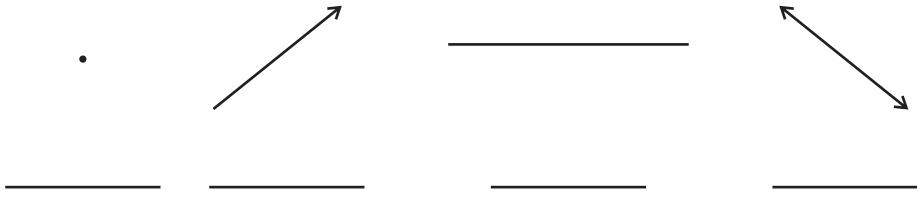
c) Rahul distributed 15.750 kg flour amongst 9 people. How much flour did each one get?

I am able do story sums on decimals



Geometry

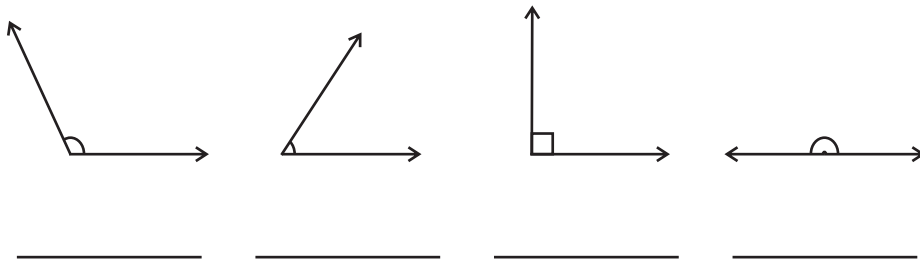
Q1. Identify the following.



I can identify point, line, line segment and ray



Q2. Write the type of each only



I can identify the different types of angles



Q3. Construct the following angles and also write their type

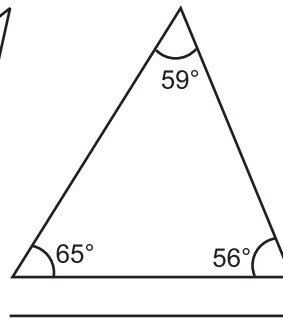
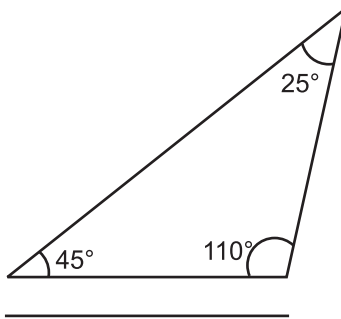
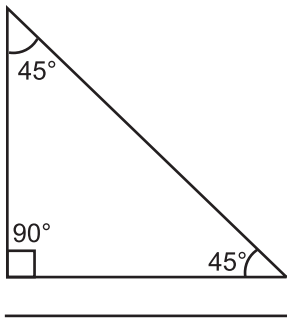
a) $\angle ABC = 100^\circ$

b) $\angle JKL = 35^\circ$

I can construct angles



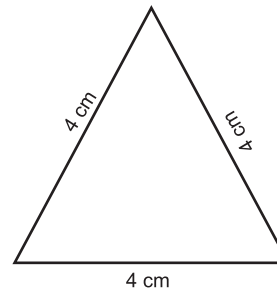
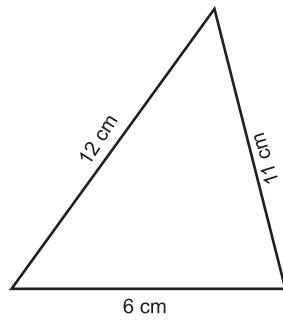
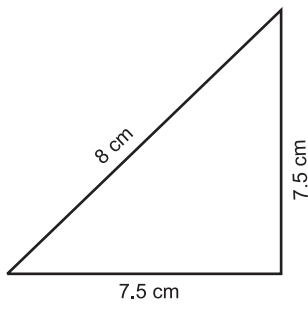
Q4. Name the following triangles with regards to angles.



I can identify triangles based on their angles



Q5. Name the following triangles with regards to sides.



I can identify triangles based on sides



Q6. Match the following

Measures triangles

1. 3 sides of equal length.
2. 2 sides of equal length.
3. All sides of different length.
4. 3 acute angles
5. 1 right angle
6. 1 obtuse angles
7. I right angle only with 2 sides of equal length.

Types of triangles

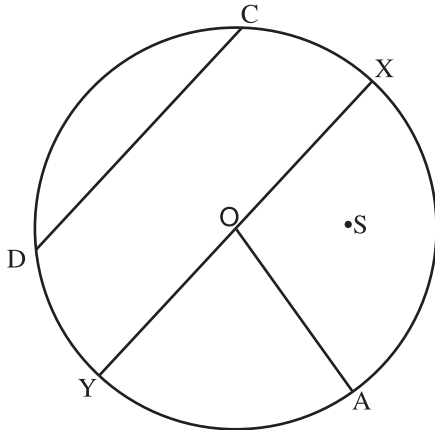
- a) Scalene
- b) Isosceles right angled
- c) Obtuse angled
- d) Right angled
- e) Equilateral
- f) Acute angled
- g) Isosceles

I can identify different types of triangles



Circles

Q1. Look at the figure and name the following:



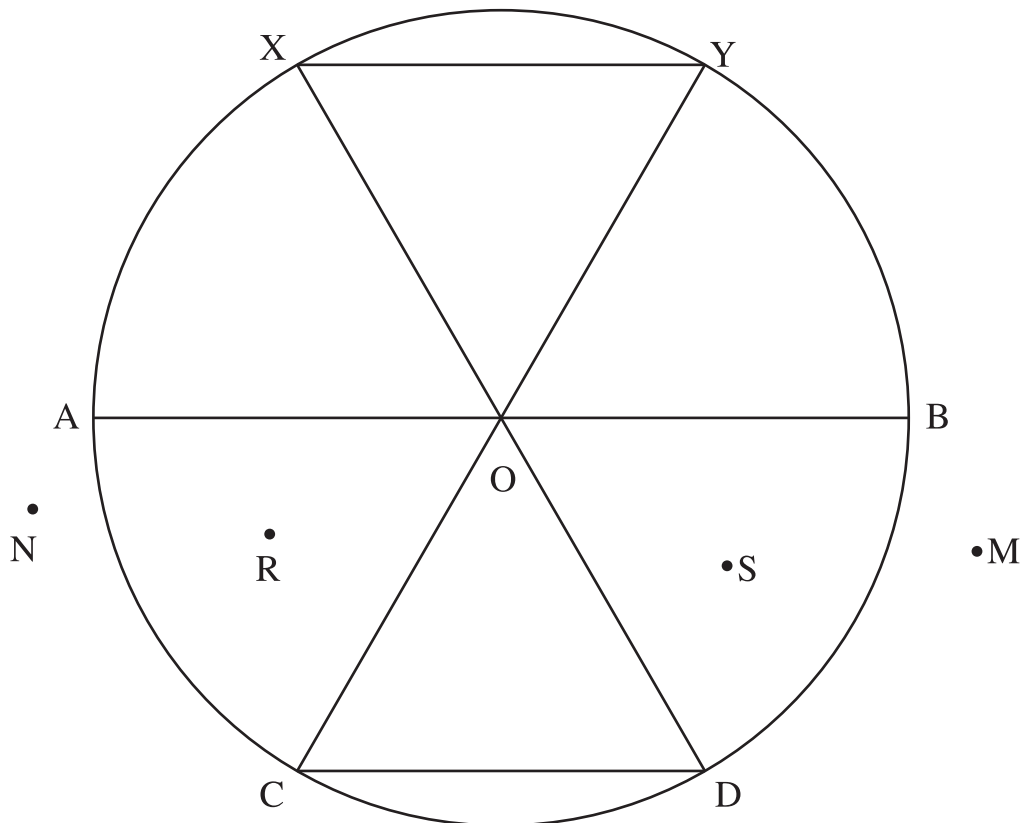
- a) Point O _____
- b) OA _____
- c) XY _____
- d) CD _____
- e) Point S _____
- f) OX _____

Q2. State whether True or False:

- a) The centre of a circle is at the same distance from any point on the circle _____
- b) A radius has both end points on the circle _____
- c) All the radii of a circle are of the same length _____
- d) All chords of a circle are of the same length _____
- e) A line segment whose end points lie on a circle is called a diameter. _____
- e) We name an arc by two points _____
- f) A quarter of a circle is called a quadrant . _____

Q3. Study the circle given below and complete the following:

- a) Number of chords _____
- b) Points in the interior of circle _____
- c) Number of diameters _____
- d) Number of radii _____
- e) Points in the exterior of the circle _____
- f) Name an arc _____



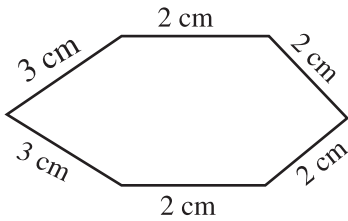
Date : _____

Name : _____

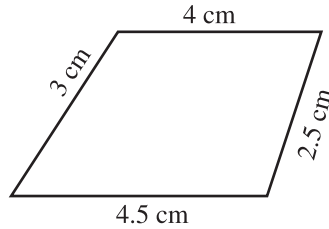
Area and perimeter

Q1. Find the perimeter of the following figures

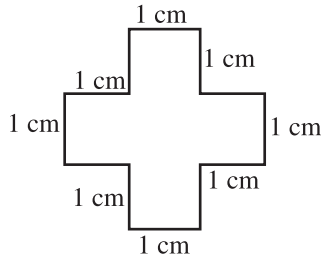
a)



b)



c)



I can find the perimeter of irregular figures



Q2. Find the perimeter of square whose side is

a) 4.5 cm







b) 16 m

I can find the perimeter of a square









Date : _____

Name : _____

<p>Q3. Find the perimeter of a rectangle whose</p> <p>a) length = 4.2 m breadth = 3.75 m</p>			
<p>b) length = 8.65 cm breadth = 2.4 cm</p>			
<p>I can find the perimeter of a rectangle</p>			
<p>Q4. Find the perimeter of a triangle whose sides are</p> <p>a) 5.6cm, 4.3cm, 9cm</p>			
<p>b) 9.25, 14.6cm, 15.325cm</p>			
<p>I can find the perimeter of a triangle</p>			

Date : _____

Name : _____

Q5. Find the area of a square whose side is a) 12.57m			
b) 8.9 cm			
I can find the area of a square			
Q6. Find the area of a rectangle whose a) length = 18.34m breadth = 9.2m			
b) length = 7.62cm breadth = 5.4 cm			
I can find the area of a rectangle			

Date : _____

Name : _____

Simplification

Q1. Simplify

a) $30 \div 6 + 8 \times 3 - 10$

b) $6 \times 20 \div 5 + 15 - 15$




c) $42 \div 7 \times (18 + 3)$

I can simplify






Date : _____

Name : _____

d) $45 \div (1 + 2 \times 2) - 10 + 4$			
e) $80 + \{18 \times \{16 - (6 \div 2)\}\}$			
f) $5 [8 \div 4 \{27 - (4 + 3 \times 5) - 7\}]$			
I can simplify			

Date : _____

Name : _____

Profit and loss			
Q1. Find profit/loss a) CP = ₹ 900.75, S.P = ₹ 684.25			
b) CP = ₹ 436.50, S.P = ₹ 463			
c) Rahul bought a phone for ₹ 7000. He spent ₹ 150.75 on its repairs and later sold it for ₹ 4900. Find his profit or loss.			
I can find profit / loss			

Date : _____

Name : _____

Q2. Find C.P. when:

a) $S.P = ₹ 825.75$ $loss = ₹ 72.50$

b) $S.P = ₹ 9000$ $Profit = ₹ 642.25$

Q3. Find S.P. when:

a) $C.P = ₹ 175.25$ $loss = ₹ 24.75$

b) $C.P = ₹ 400$ $Profit = ₹ 52.25$

Date : _____

Name : _____

Q4. Yash made profit of 475 on selling a laptop ₹ 9000, What was the cost price of the laptop?







Q5. A calculator was bought for ₹1400.75 and the shopkeeper suffered a loss of ₹290 on selling it, find the selling price of the calculator.

I can find CP./S.P



Date : _____

Name : _____

Percentage			
<p>Q1. Write the following as percent</p> <p>a) $\frac{74}{100}$ b) $\frac{100}{100}$</p>			
I can write fractions a percent			
<p>Q2. Write the following as percentage:</p> <p>a) $\frac{19}{25}$ b) $4\frac{1}{2}$</p>			
I can convert the fraction into percentage			

Date : _____

Name : _____

Q3. Convert these percentage to fractions

a) 25%

b) 55%

I can convert percentages to fractions



Q4. Convert these decimals to percentage

a) 12.6

b) 0.35

I can convert decimals to percentage



Date : _____

Name : _____

Q5. Convert these percentage to decimals

a) 1.4%

b) 17.35%

I can convert percentage to decimals



Q6. Find the value of

a) 80 % of 200

b) 20 % of 5 kg

I can find the percentage a given value



Q7. Story Sums

- a) Shikha was asked to solve 25 questions. She completed 80 % them. How many questions did she complete?

- b) In a basket of oranges, 4% oranges are rotten. If there are 450 oranges in the basket, how many oranges are good?

I can solve story sums

