




# Sanskriti School

*Learning  
Ladder*

A simple line drawing of a ladder, tilted at an angle, with several rungs.







## MATHEMATICS

CLASS - V

2021-2022

Date : \_\_\_\_\_

Name : \_\_\_\_\_

<b>Fraction</b>			
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			

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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



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



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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


















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<b>Decimals</b>			
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			







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<p>Q6. Write the decimal number for</p> <p>a) <math>6 + \frac{1}{10} + \frac{2}{100} =</math> _____</p> <p>b) <math>50 + 4 + \frac{7}{1000} =</math> _____</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 &gt; or &lt;</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			

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<p>Q11. Arrange descending order</p> <p>a) 8.3, 8.38, 0.838, 8.33 _____</p> <p>b) 0.65, 6.5, 65.0, 0.065 _____</p>			
<p>I can arrange decimal numbers in descending order</p>			
<p>Q12. Arrange the numbers in vertical columns and add</p> <p>a) 4.65, 29.3</p>			
<p>b) 4.31, 62.156, 0.2</p>			
<p>I can add decimal numbers</p>			



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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)  $4.62 \times 9$

b)  $12.6 \times 0.95$

I can find the product of decimal numbers



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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?

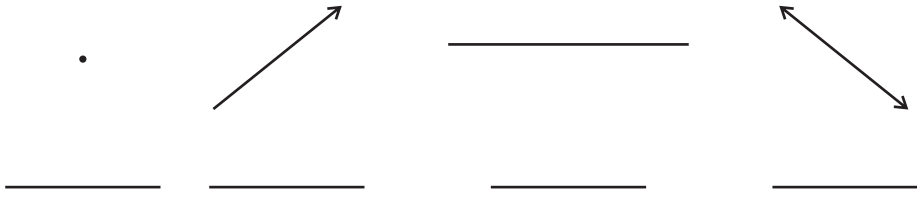
c) Rahul distributed 15.750 kg flour amongst 9 people. How much flour did each one get?

I am able do story sums on decimals



## Geometry

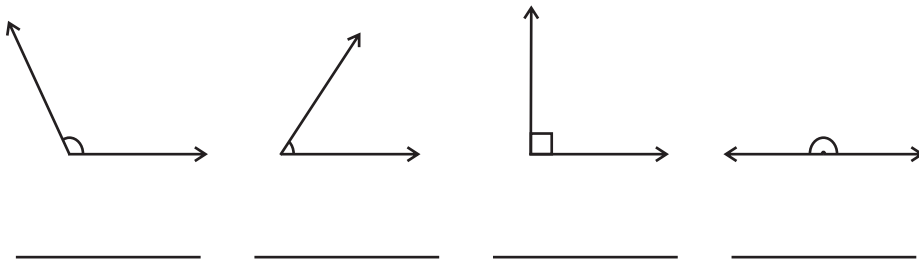
Q1. Identify the following.



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

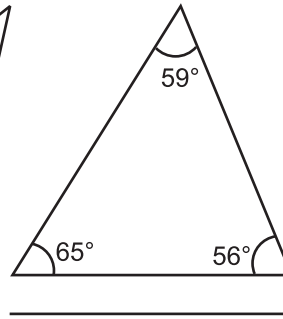
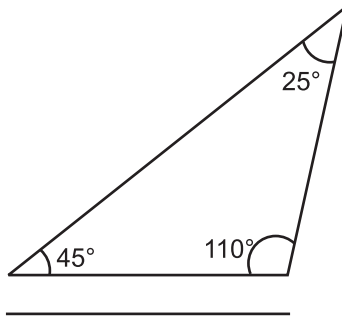
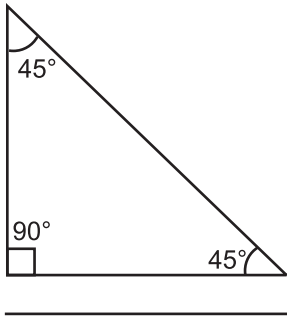
a)  $\angle ABC = 100^\circ$

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

I can construct angles



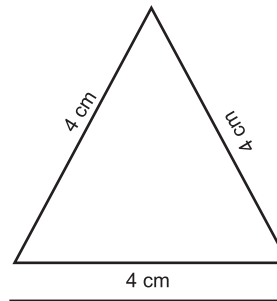
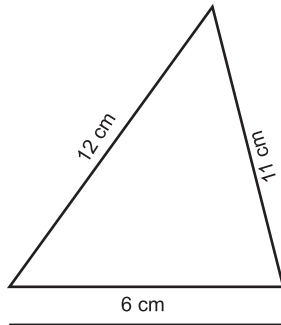
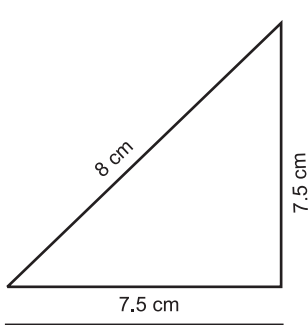
Q4. Name the following triangles with regards to angles.



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**

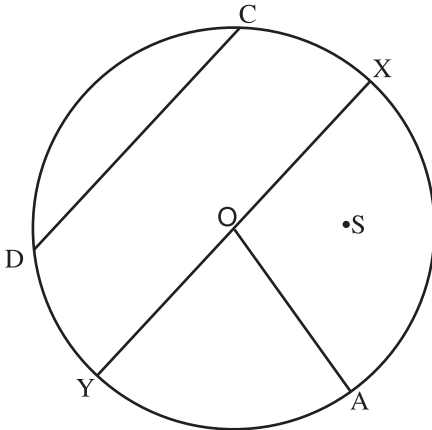
- a) Scalene
- b) Isosceles right angled
- c) Obtuse angled
- d) Right angled
- e) Equilateral
- f) Acute angled
- g) Isosceles

I can identify different types of triangles



## Circles

Q1. Look at the figure and name the following:



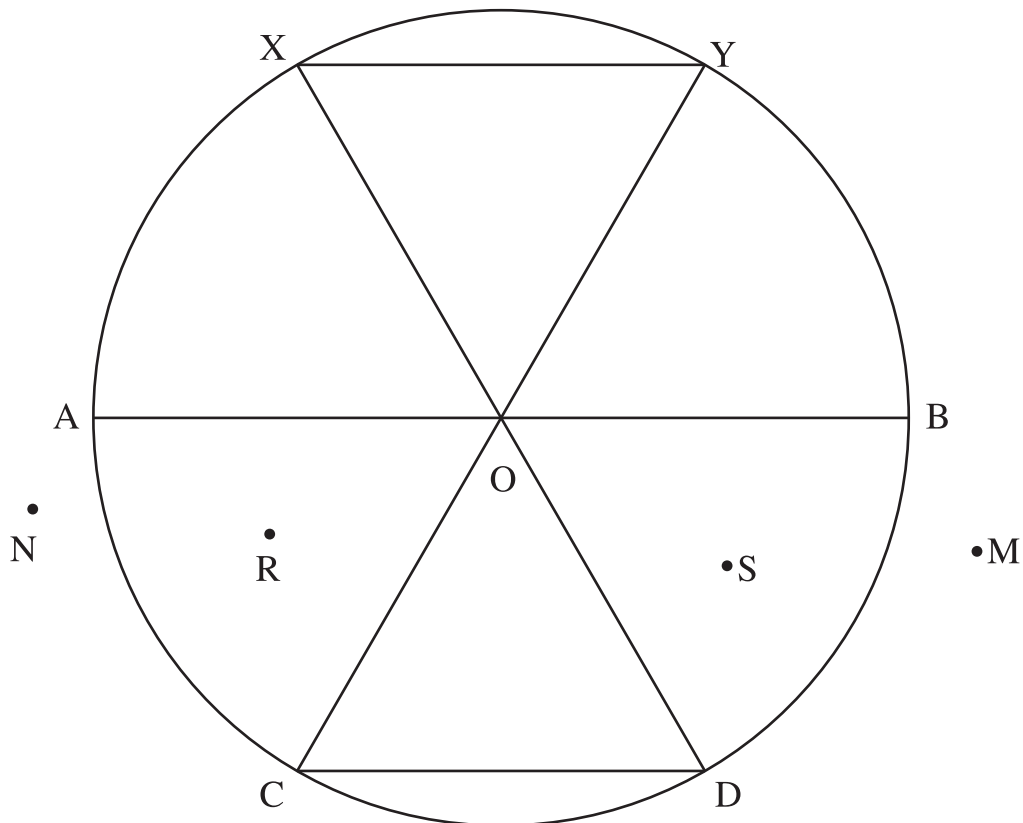
- a) Point O \_\_\_\_\_
- b) OA \_\_\_\_\_
- c) XY \_\_\_\_\_
- d) CD \_\_\_\_\_
- e) Point S \_\_\_\_\_
- f) OX \_\_\_\_\_

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:

- Number of chords \_\_\_\_\_
- Points in the interior of circle \_\_\_\_\_
- Number of diameters \_\_\_\_\_
- Number of radii \_\_\_\_\_
- Points in the exterior of the circle \_\_\_\_\_
- Name an arc \_\_\_\_\_



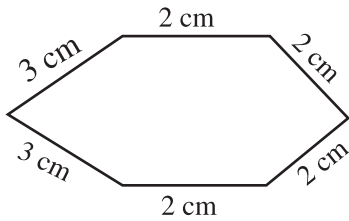
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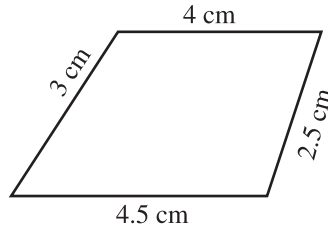
## Area and perimeter

Q1. Find the perimeter of the following figures

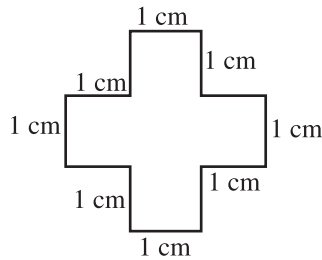
a)



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











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




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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			




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<b>Simplification</b>			
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			




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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			

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<b>Profit and loss</b>			
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			

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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)  $C.P = ₹ 400$        $Profit = ₹ 52.25$

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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 : \_\_\_\_\_

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



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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

