Percentage

Worksheet 1

A. Convert to a fraction.

1. 43%   2. 34%   3. 72%

4. 63%   5. 9%   6. 27%

B. Write the fraction for the coloured parts of each figure. Convert the fraction to a percentage.

1.

2.

3.
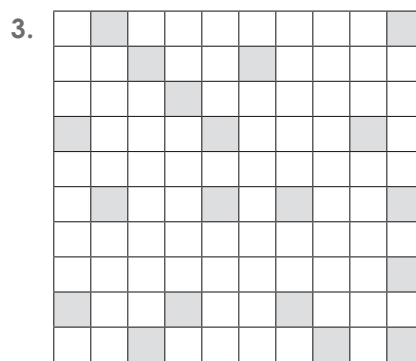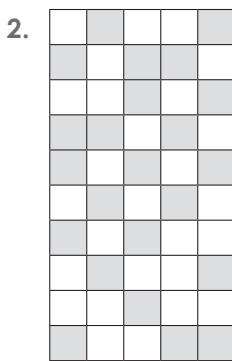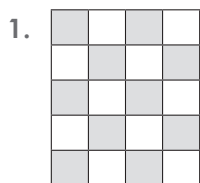
Fraction   = _____   Fraction   = _____   Fraction   = _____

Percentage = _____   Percentage = _____   Percentage = _____

C. Convert to a percentage.

1. 0.93   2. 4.92   3. 6.83

4. 29.45   5. 48.64   6. 0.08

D. Find.

1. 20% of 500   2. 5% of 720   3. 50% of 400

4. 40% of 190   5. 100% of 320   6. 30% of 620

Teacher's Signature: _____   Remarks: _____

Worksheet 2

A. Find the value of the following percentages.

1. 25% of 200 days
2. 20% of 285 pages
3. $4\dfrac{1}{4}$ % of 360 m
4. 12% of 60 l
5. $3\dfrac{1}{3}$ % of 180 km
6. 60% of 90 kg

B. What per cent is each of the following?

1. 1.5 g of 60 g
2. 0.5 m of 50 m
3. 45 hours of 150 hours
4. 120 p of ₹1
5. 1.5 l of 30 l
6. $3\dfrac{1}{2}$ kg of 10 kg

C. Solve the word problems.

1. Out of 50 students in the class, 20 students performed in dramatics. What percentage of students did not particulate in dramatics?

2. $\dfrac{4}{5}$ of the farmers grow wheat in their fields. What per cent of the farmers grow wheat?

3. 65% of 4280 students in a school are girls. How many girls are there in the school?

Geometry

A. Identify the type of angle formed by the hands of the clock.

1.

2.

3.

4.

_____   _____   _____   _____

B. Draw the following angles using a protractor. Use a compass and a ruler to bisect each angle.

1. ∠ABC = 80°   2. ∠MNO = 120°

C. Fill in the blanks.

1. _____ is a fixed point in the circle.

2. A line segment from the centre to any point on the circle is called the _____

3. The chord that passes through the centre of the circle is called the _____

4. The perimeter or boundary of the circle is called its _____

5. The diameter of a circle divides it into two equal parts. Each part is called a _____

Teacher's Signature: _____   Remarks: _____

Worksheet 2

A. Fill in the blanks.

1. Lines which cross each other at a point are called _____ lines.

2. Lines in a plane that never meet and are always at an equal distance from each other are called _____ lines.

3. Two lines that intersect at right angles are called _____ lines.

4. Two angles whose sum equals 180° are called _____

5. To measure angles, we use an instrument called a _____

B. Draw the following angles using a protractor.

1. 60°

2. 90°

3. 120°

4. 30°

C. Find the diameters of the circles whose radii are the following.

1. 4.5 cm

2. 7.8 cm

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

_____

_____

_____

D. Find the radii of the circles whose diameters are the following.

1. 10 cm

2. 8.8 cm

3. 9 cm

_____

_____

_____

《 Worksheet 1 》

A. Tick (✓) the word that looks the same after a half turn.
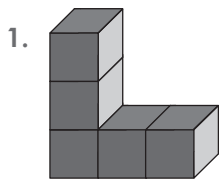
1. NOON ☐   2. HOME ☐   3. SOON ☐

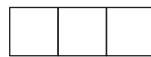4. MOM ☐   5. COME ☐   6. SIS ☐
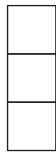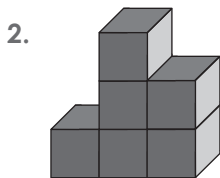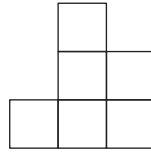
B. Colour the views to match the colours in the figure.
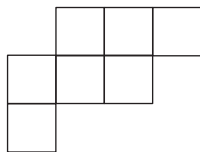
1.
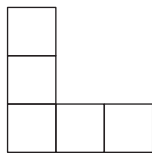
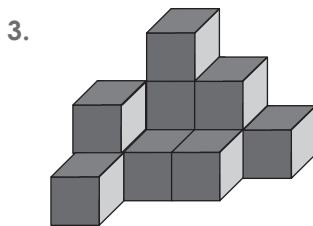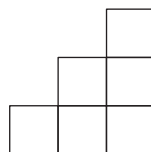Front view   Top view   Side view
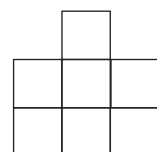
2.

Side view   Front view   Top view

3.

Top view   Side view   Front view

C. Draw a line of symmetry through the given letters.

1. C   2. M   3. O

4. H   5. M

Teacher's Signature: _____   **Remarks:** _____
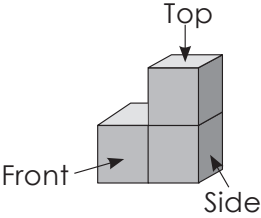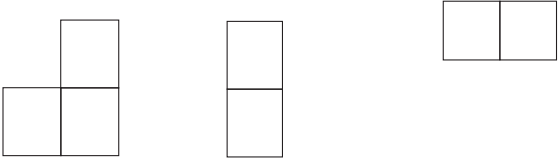
Worksheet 2
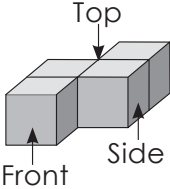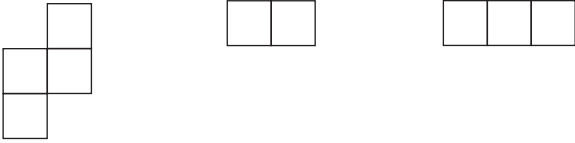
A. How would the following shapes look on quarter turn and half turn?

	SHAPE	ON $\frac{1}{4}$ TURN	ON $\frac{1}{2}$ TURN
1.			
2.			
3.			
4.			
5.			
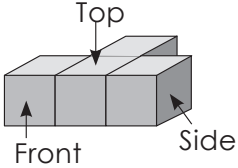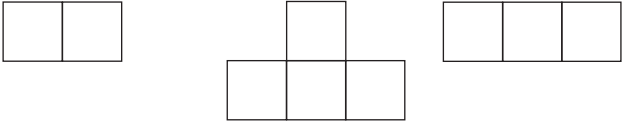
B. Identify which view.

1.

_____ view   _____ view   _____ view

2.

_____ view   _____ view   _____ view

3.

_____ view   _____ view   _____ view

Teacher's Signature: _____   Remarks: _____

⟪ Worksheet 1 ⟫

A. Find the selling price.

	COST PRICE	PROFIT/LOSS	SELLING PRICE
1.	₹90	Profit = ₹17	
2.	₹390	Profit = ₹35	
3.	₹185	Loss = ₹25	
4.	₹880	Loss = ₹90	
5.	₹1350	Loss = ₹135	

B. Find the profit %.

1. SP = ₹780, CP = ₹650

2. SP = ₹550, CP = ₹500

3. CP = ₹400, SP = ₹750

4. CP = ₹2500, SP = ₹2700

C. Find the loss %.

1. SP = ₹1200, CP = ₹1500

2. SP = ₹4400, CP = ₹5500

3. CP = ₹1000, SP = ₹750

4. CP = ₹3400, SP = ₹1700

Teacher's Signature: _____   Remarks: _____

Worksheet 2

Vishal went to a nearby shop to make some purchase. Study the given bill for the items purchased by him and answer the following questions.

BILL NO. A/123 DATE: 23/08/2013			INDIAN BOOK DEPOT MG ROAD, BENGALURU
ITEMS	**QUANTITY (QTY)**	**RATE (in ₹)**	**AMOUNT (in ₹)**
1. Cardboard	5	25	125
2. Pen	6	20	120
3. Notebook	10	15	150
4. Colour box	2	75	150
5. Pencil box	5	30	150
Total	28		695

1. What kind of shop is this? _____

2. Which place did Vishal go for the purchase? _____

3. What were the items purchased? _____

4. How many items did Vishal purchase? _____

5. How many colour boxes were purchased? _____

6. How much did Vishal pay for the cardboard? _____

7. What was the date of purchase? _____

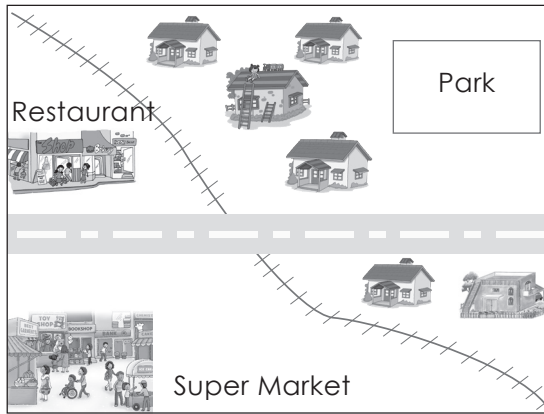8. What was the total amount paid by Vishal for the bill? _____

Teacher's Signature: _____   Remarks: _____

Worksheet 1

A. Read the given map. Study the legend and answer the questions.

1. Label the road as M.G. Road

2. Colour the park green

3. What lies opposite the supermarket on the other side of the road?

4. What symbol is used to represent the Railway track?

☐	Park
🏠	House
	Super Market
	Restaurant
✕✕✕	Railway track
– – –	Road

Restaurant

Park

Super Market

B. Use a scale to join the dots. Measure the length with a cm scale. Answer the questions. Scale 1 cm on map = 2 km

1. How far is the car showroom from the school?

   On the map = 2.3 cm

   On the ground = _____ km

2. How far is the football field from the school?

   On the map = 4.3 cm

   On the ground = _____ km
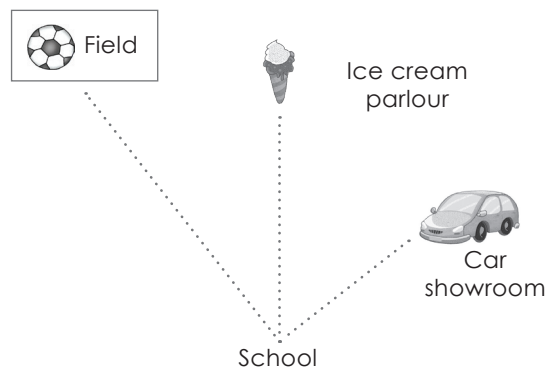
3. To go from school to the ice cream parlour, in which direction do we move?

Field

Ice cream parlour

Car showroom

School

Worksheet 2

A. Tick (✓) the correct option. The scale of the map is 1 cm = 300 km.

1. If the distance between City A and City B on the map is 3.3 cm, the distance on the ground is
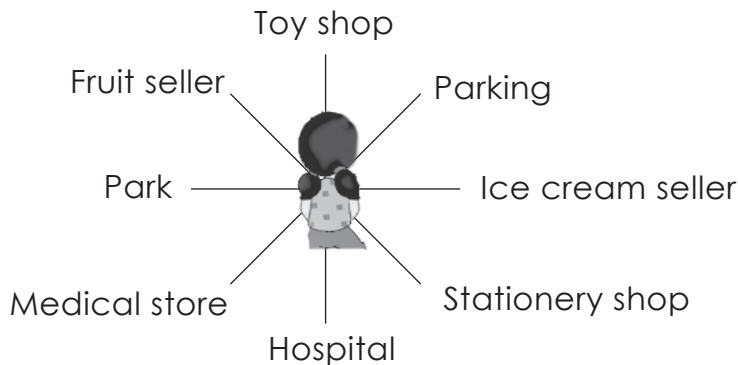
   a. 9900 cm ☐   b. 990 cm ☐

   c. 990 km ☐   d. 9900 km ☐

2. If the distance between City B and City C is 8100 km, the distance on the map is

   a. 27 km ☐   b. 27 cm ☐

   c. 270 cm ☐   d. 270 km ☐

B. Find the direction of each with respect to the girl.

Toy shop

Fruit seller   Parking

Park   Ice cream seller
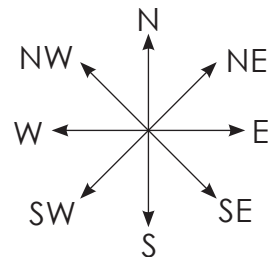
Medical store   Stationery shop

Hospital

1. The stationery shop is in the _____

2. The ice cream seller is in the _____

3. The medical store is in the _____

4. The hospital is in the _____

5. The parking is in the _____

N

NW   NE

W   E

SW   SE

S