

Himalaya International School

Subject -Mathematics

Class- V

Chapter- 7 Percentage and Ch-15 Algebra

Assignment- 1

Q1. 3.5 is written as \_\_\_\_%.

- a) 3500
- b) 350
- c) 3.500
- d) 35

Q2.  $\frac{12}{25}$  is written as \_\_\_\_%.

- a) 24
- b) 36
- c) 48
- d) 60

Q3. Write the coefficient of x in  $6yx + 5a$

- a) 6
- b) 5a
- c) 6y
- d) 6a

Q4. 36 % in decimal is \_\_\_\_.

- a) 3.6
- b) 0.036
- c) 0.36
- d) 0.0036

Q5. 85 % in fraction is \_\_\_\_.

- a)  $\frac{85}{10}$
- b)  $\frac{16}{50}$
- c)  $\frac{17}{100}$
- d)  $\frac{17}{20}$

**Q6.** Convert  $13\frac{1}{2}$  to percentage.

**Q7.** Find 40 % of 640.

**Q8.** Convert 7.45 % to decimal.

**Q9.** An English test was conducted out of 200 marks. Bani scored 90 % and Tanya scored 75 %. How many marks did each of them score?

**Q10.** Father gave Rs 600 to his son. He spent Rs 240 out of it. What percentage of money did he spend?

**Q11.** A shop sold  $\frac{5}{4}$  ice-creams out of 800. Find the number of ice-creams sold.

**Q12.** In a class of 50 students, 60% of the students passed the math exam. How many students passed the math exam?

**Q13.** A book has 300 pages. If 120 pages are about science, what percentage pages are about science?

**Q14.** Write the algebraic expression for –

- 25 added to five times a
- The sum of 5b and 2 multiplied by 5
- Thrice of c subtracted from 20

**Q15.** Abhay travelled 30 km by bus and x km by train. Express the total distance travelled by him as an algebraic expression.

**Q16.** The mass of a pencil is 20g. Find the mass of b such pencils.

**Q17.** Meha had Rs 210. She spent Rs y. How much money is left with her?

**Q18.** Separate the terms of  $z + 8x$

**Q19.** Simplify:  $4m + 3n - m + 7n$

**Q20.** Find the value of the expression  $6a + 4b$ , when  $a = 5$  and  $b = 2$

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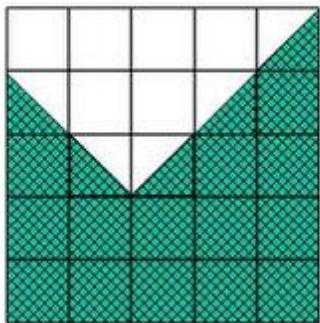
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**Class- V**

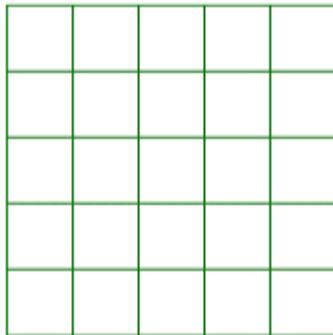
**Chapter- 9 Area and Volume**

**Assignment- 2**

**Q1. Find the area of the shaded triangle if side of each small square is 1 cm.**



**Q2. Find the area of the given figure if side of each small square is 1 units.**



**Q3. Find the area of rectangle whose length is 18m and breadth is 7m.**

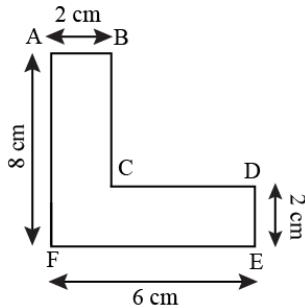
**Q4. What will the area of square whose side is 16cm?**

**Q5. A rectangular classroom is of area 576 sq.m. If its length is 32m, find its breadth.**

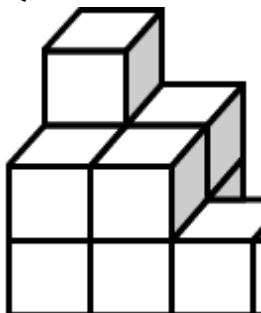
**Q6. What will be the cost of mowing grass in a rectangular field of dimensions 130m by 80m at the rate of Rs 10 per sq. m?**

**Q7. How many square tiles of 20 cm will be required to tile a path of dimensions 360 cm by 30 cm ?**

**Q8. Find the area of the given figure.**



**Q9. Find the volume if each small cube is 1cm cube.**



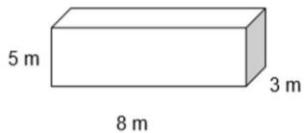
**Q10. A tank is in the form of a cube. Each side of the container is 7 m long. What is the volume of the tank?**

**Q11. A container is in the shape of a cuboid with length = 14 m, width = 12 m, and height = 8 m. What is the volume of the container? (2)**

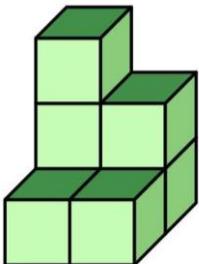
**Q12. How many cubes of side 5m each can be cut from a cuboid measuring 40m x 25m x 5m?**

**Q13. How many mL is there in 35 cu.cm?**

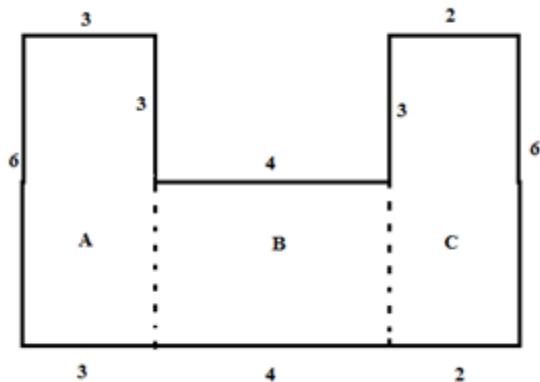
**Q14. Find the volume of given figure.**



**Q15. Find the volume if each small cube is 1cm cube.**



**Q16. Find the area of given figure.**



**Q17.** Find the volume of cube having side 13m.

**Q18.** Find the volume of 15 ice-cubes, each of side 6cm.

**Q19.** Find the volume of air in a room 20m long, 14m wide and 5m high.

**Q20.** Pencil boxes measuring 10 cm x 5 cm x 4 cm are packed in a wooden box measuring 150 cm x 30 cm x 22 cm. How many pencil boxes are packed in the box?

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**Chapter- 11 Time and temperature and Chapter 12 Money**  
**Assignment- 3**

**Q1. 7 hours 20 min = \_\_\_\_ min.**

- a) 420
- b) 430
- c) 440
- d) 450

**Q2. 2 years 4 months = \_\_\_\_ months.**

- a) 28
- b) 29
- c) 30
- d) 31

**Q3. If CP = Rs500, SP = Rs 450, then what will be the profit/loss.**

- a) Profit of Rs 100
- b) Loss of Rs50
- c) Profit of Rs50
- d) Loss of Rs100

**Q4. Choose the appropriate temperature for a glass of cold drink.**

- a) 15°C
- b) 30°C
- c) 48°C
- d) 0°C

**Q5. 25°C = \_\_\_\_ °F**

- a) 11
- b) 13
- c) 14
- d) 15

**Q6. 12 weeks 6 days = \_\_\_\_ days**

- a) 78

- b) 80
- c) 82
- d) 84

**Q7.** Ayushi's daily schedule is as follows:

- She spends 1 hour 35 minutes in the morning walk.
- She then spends 40 minutes in visiting a temple.
- In the evening, she starts playing badminton at 5:40 PM and finishes at 7:00 PM.

**Answer the following questions:**

- a) How much total time does she spend in morning walk and visiting a temple?
- b) How long does she play in the evening?
- c) How much more time does she spend in the morning walk than visiting a temple?
- d) Convert the time she spends in the morning walk into minutes.

**Q8.** Mohan went to Delhi on 15 October for 25 days. On which date did he leave Delhi?

**Q9.** What time will it be 5 hours 10 min after 11:20 a.m.?

**Q10.** What time will it be 3 hours 30 min from 7:00 p.m.?

**Q11.** Sam is 4 years 11 months old and his sister is 2 years 5 months old. Who is younger and by how much?

**Q12.** Chitra bought a doll for Rs 5000 and sold it for Rs 2000. What was her loss percent?

**Q13.** Anand bought a table for Rs 11,000 and paid Rs 1000 as transportation. He sold it for Rs 20,000. Find the profit and profit percentage.

**Q14.** Find the selling price if cost price is Rs 550 and loss is Rs 120.

**Q15.** Find the cost price if selling price is Rs 800 and profit is Rs 240.

**Q16.** Aakash bought a bed for Rs 25,000. He sold it at a profit of 20 %. Find the selling price of the bed.

**Q17.** The cost of a pair of shoe is Rs 900. At what price should the shopkeeper sell it so as to gain 10% ?

**Q18.** A set of books costing Rs 1200 was sold at a loss of 50 %. Find the selling price of books.

**Q19.** Find the profit % if CP = Rs 320 and SP = Rs 400.

**Q20.** Prepare a bill for the following items:

- **4 pizzas at Rs 120.25 each**
- **8 burgers at Rs 75 each**
- **6 cold drinks at Rs 50.45 each**
- **5 ice-creams at Rs 100 each**

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**Chapter- 13 Data handling**  
**Assignment- 4**

**Q1.** The following table shows the daily production of T.V. sets in an industry for 7 days of a week:

Days	Mon	Tue	Wed	Thurs	Fri	Sat	Sun
Number of TV Sets	300	400	150	250	100	350	200

Represent the above data using Bar graph. Give a title and scale to the graph.

**Q2.** Draw a circle graph showing the following information. The table shows the colors preferred by a group of people.

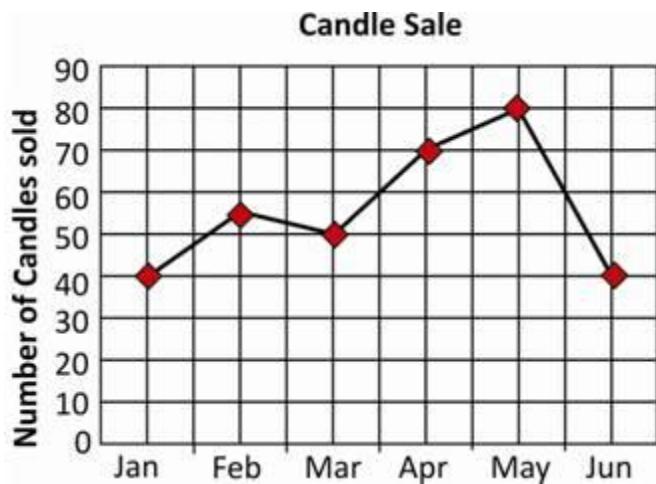
Colours	Number of People
Blue	18
Green	9
Red	6
Yellow	3
<b>Total</b>	<b>36</b>

**Q3.** The following table gives information on the favourite colours by the group of people.

Colours	Yellow	Pink	Blue	Green	Orange
No.of people	16	20	30	26	35

Draw the line graph for the information provided.

**Q4.** The graph below shows the number of candles sold in different months.



- a) How many candles were sold in april?
- b) In which month was the highest number of candles sold?
- c) In which month was the least number of candles sold?
- d) How many more candles were sold in feb than in jan?
- e) How many total candles were sold in all?