



**Revision Sheet Final Term May 2017**

**Name:** \_\_\_\_\_ **Grade: 5 Sec: A,B**

**Date:** \_\_\_\_\_ **Subject: Mathematics**

**OBJECTIVE**

**Q#1 Choices are given. Select correct option and write in given space.**

1. Read the “%” symbol as \_\_\_\_\_.  
a. average                      b. per cent                      c. fraction                      (**b**)
  
2. Which one is as a fraction?  
a. 75/100                      b. 0.76                      c. 75%                      (**a**)
  
3. Which one is as a decimal?  
a. 60%                      b. 2/10                      c. 7.5                      (**c**)
  
4. Which one is as a percentage?  
a. 10%                      b. 2/3                      c. 15.5                      (**a**)
  
5. Percentage of marks = \_\_\_\_\_.  
a. Obtained Marks/ Total Marks x 100  
b. Obtained Marks x 100  
c. Total Marks / Obtained Marks x 100                      (**a**)
  
6. 30% x 80 = \_\_\_\_\_.  
a. 24                      b. 36                      c. 16                      (**a**)

7. Express  $\frac{2}{3}$  as percentage:

- a. 50%                      b. 40%                      c. 66.67%                      (c)

8.  $\frac{7}{10}$  as a percentage = \_\_\_\_\_.

- a. 7%                      b. 70%                      c. 10%                      (b)

9. 69% = \_\_\_\_\_.

- a.  $\frac{69}{10}$                       b.  $\frac{100}{69}$                       c.  $\frac{69}{100}$                       (c)

10. Express  $\frac{42}{100}$  as a percentage:

- a. 100%                      b. 42%                      c. 420%                      (b)

11. 7% as a fraction = \_\_\_\_\_.

- a.  $\frac{7}{100}$                       b.  $\frac{7}{10}$                       c.  $\frac{7}{5}$                       (a)

12. 0.07 = \_\_\_\_\_.

- a. 70%                      b. 07%                      c. 76%                      (b)

13. 39 out of 100 is \_\_\_\_\_%

- a. 100                      b. 39                      c. 93                      (b)

14. 65% means \_\_\_\_\_.

- a. 75 per cent                      b. 57 per cent                      c. 65 per cent                      (c)

15.  $\frac{15}{50}$  = \_\_\_\_\_ %

- a. 20%                      b. 25%                      c. 30%                      (c)

16. 25% of 200 is \_\_\_\_\_.

- a. 100                      b. 50                      c. 25                      (b)

17. The sum of angles on a straight line is \_\_\_\_\_.  
a.  $360^{\circ}$                       b.  $90^{\circ}$                       c.  $180^{\circ}$                       (c)
18. The sum of angles at a point is \_\_\_\_\_.  
a.  $360^{\circ}$                       b.  $90^{\circ}$                       c.  $180^{\circ}$                       (a)
19. Triangle means \_\_\_\_\_ angles.  
a. Two                      b. three                      c. four                      (b)
20. A \_\_\_\_\_ angle is equal to  $90^{\circ}$ .  
a. Acute                      b. straight                      c. right                      (c)
21. A right angle triangle is a triangle in which \_\_\_\_\_ angle is a right angle \_\_\_\_\_ of the sides are equal.  
a. Three                      b. two                      c. one                      (c)
22. Each angle in an \_\_\_\_\_ triangle is  $60^{\circ}$ .  
a. Isosceles                      b. equilateral                      c. right angle                      (b)
23. A right angle triangle with all 3 sides \_\_\_\_\_.  
a. Equal                      b. not equal                      c. both                      (a)
24.  $AD \parallel BC$  means AD is \_\_\_\_\_ to BC.  
a. parallel                      b. horizontal                      c. vertical                      (a)
25.  $\angle a + \angle 30^{\circ} + \angle 90^{\circ} = 180^{\circ}$   
a.  $60^{\circ}$                       b.  $30^{\circ}$                       c.  $90^{\circ}$                       (a)
26.  $\angle 90^{\circ} + \angle b + \angle 90^{\circ} = 360^{\circ}$   
a.  $90^{\circ}$                       b.  $180^{\circ}$                       c.  $210^{\circ}$                       (b)

**Q#2 Express as a percentage.**

**a. 45/100**

**b. 6/10**

**Ans:** a.  $= 45/100 = 45/100 \times 100\% = 45\%$

b.  $= 6/10 = 6/10 \times 100\% = 60\%$

**Q#3 Express as a percentage.**

**a. 0.55**

**b. 0.02**

**Ans:**  $= 0.55 = 0.55 \times 100\% = 55\%$

$= 0.02 = 0.02 \times 100\% = 2\%$

**Q#4 Write the symbol of percentage.**

**Ans:** “%” is the symbol of percentage.

**Q#5 Write in simplest form: 5%**

**Ans:**  $= 5\%$

$= 5/100$

$= 1/20$

**Q#6 Write in simplest form: 23%**

**Ans:**  $= 23\%$

$= 23/100$

**Q#7 Write as a fraction: 13 out of 100**

**Ans:**  $= 13 \text{ out of } 100$

$= 13/100$

$= 13/100 \times 100\%$

$= 13\%$

**Q#8 In a garden total 100 fruits, 60 of the fruits were apples and the rest were oranges. What percentage of oranges?**

**Ans:** Apples = 60%

Oranges =  $100\% - 60\% = 40\%$

**Q#9 Write the types of angles.**

**Ans:**

- Right angle
- Obtuse angle
- Reflex angle
- Straight angle
- Acute angle

**Q#10 What is Acute angle?**

**Ans:** An angle that less than  $90^{\circ}$ .

**Q#11 What is Right angle?**

**Ans:** An angle that is exactly  $90^{\circ}$ .

**Q#12 What is Obtuse angle?**

**Ans:** An angle that is greater than  $90^{\circ}$  and less than  $180^{\circ}$ .

**Q#13 What is Straight angle?**

**Ans:** An angle that is exactly  $180^{\circ}$ .

**Q#14 What is Reflex angle?**

**Ans:** An angle that is greater than  $180^{\circ}$  and less than  $360^{\circ}$ .

<b>Q#15</b>	<b>Fill in the blanks.</b>	<b>(Answers)</b>
➤	$63 = 6.3 \times \underline{\hspace{2cm}}$	<u>10</u>
➤	$\underline{\hspace{2cm}} \times 10 = 0.7$	<u>0.07</u>
➤	$93.47 = 9.347 \times \underline{\hspace{2cm}}$	<u>10</u>
➤	$\underline{\hspace{2cm}} \times 10 = 841$	<u>84.1</u>

<b>Q#16</b>	<b>Multiply.</b>	<b>(Answers)</b>
➤	$9.7 \times 100 = \underline{\hspace{2cm}}$	<u>970</u>
➤	$73.96 \times 100 = \underline{\hspace{2cm}}$	<u>7396</u>
➤	$100 \times 0.003 = \underline{\hspace{2cm}}$	<u>0.3</u>
➤	$100 \times 1000 = \underline{\hspace{2cm}}$	<u>100000</u>
➤	$9.34 \times 1000 = \underline{\hspace{2cm}}$	<u>9340</u>
➤	$0.004 \times 1000 = \underline{\hspace{2cm}}$	<u>4</u>
➤	$1000 \times 4.115 = \underline{\hspace{2cm}}$	<u>4115</u>
➤	$67.2 \times 1000 = \underline{\hspace{2cm}}$	<u>67200</u>

<b>Q#17</b>	<b>Divide.</b>	<b>(Answers)</b>
➤	$37 \div 10 = \underline{\hspace{2cm}}$	<u>3.7</u>
➤	$0.75 \div 10 = \underline{\hspace{2cm}}$	<u>0.075</u>
➤	$36.7 \div 10 = \underline{\hspace{2cm}}$	<u>3.67</u>
➤	$156.2 \div 10 = \underline{\hspace{2cm}}$	<u>15.62</u>

**Q#18**      **Fill in the blanks.**      **(Answers)**

- $63 \div \underline{\hspace{2cm}} = 0.63$       100
- $3600 \div \underline{\hspace{2cm}} = 3.6$       1000
- $0.5 \div \underline{\hspace{2cm}} = 0.005$       100
- $450 \div \underline{\hspace{2cm}} = 0.45$       1000

**Q#19**      **Convert and fill in the blanks.**      **(Answers)**

- $0.9 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$       90
- $1.25 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$       125
- $0.078 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$       7.8
- $2.07 \text{ m} = \underline{\hspace{2cm}} \text{ m} \underline{\hspace{2cm}} \text{ cm}$       2 , 7
- $8.5 \text{ km} = \underline{\hspace{2cm}} \text{ m}$       8500
- $0.906 \text{ km} = \underline{\hspace{2cm}} \text{ m}$       906
- $20.76 \text{ km} = \underline{\hspace{2cm}} \text{ km} \underline{\hspace{2cm}} \text{ m}$       20 , 760

**Q#20**      **Convert and fill in the blanks.**      **(Answers)**

- $9.08 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$       9080
- $0.138 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$       138
- $73.02 \text{ kg} = \underline{\hspace{2cm}} \text{ kg} \underline{\hspace{2cm}} \text{ g}$       73 , 20
- $4 \text{ l} = \underline{\hspace{2cm}} \text{ ml}$       4000
- $1.004 \text{ l} = \underline{\hspace{2cm}} \text{ l} \underline{\hspace{2cm}} \text{ ml}$       1 , 4

**Q#21 Convert and fill in the blanks.**

**(Answers)**

- 3000 cm = \_\_\_\_\_ m 30
- 47 cm = \_\_\_\_\_ m 0.47
- 4 cm = \_\_\_\_\_ m 0.04
- 2 m 7 cm = \_\_\_\_\_ m 2.07
- 34 m 50 cm = \_\_\_\_\_ m 34.5
- 97 m 68 cm = \_\_\_\_\_ m 97.68
- 30 m = \_\_\_\_\_ km 0.03
- 3009 m = \_\_\_\_\_ km 3.009

**Q#22 During his fitness test, Irfan jumped 84 cm for his broad jump. How far did he jump in meters?**

$$= 84 \text{ cm} \div 100$$

$$= 0.84 \text{ m}$$

**Q#23 A flag pole is 5 m 50 cm tall. How tall is the flag pole in meters?**

$$= 5 \text{ m } 50 \text{ cm}$$

$$= 5.50 \text{ m}$$

**Q#24 The Taipei 101 building in Taiwan is 508 m tall. What is its height in kilometers?**

$$= 508 \text{ m}$$

$$= 508 \div 1000 \text{ km}$$

$$= 0.508 \text{ km}$$



**Q#25** Kamil drives 22 km 840 m from his home to the airport. How far does he drive in kilometers?

$$= 22 \text{ km } 840 \text{ m}$$

$$= 22 \text{ km} + 0.84 \text{ km}$$

$$= 22.84 \text{ km}$$

**Q#26** The mass of a clay brick is 2764 g. How much is its mass in kilograms?

$$= 2764 \text{ g}$$

$$= 2764 \div 1000 \text{ kg}$$

$$= 2.764 \text{ kg}$$

**Q#27** A female Arctic polar bear has a mass of 610 kg 300 g. What is its mass in kilograms?

$$= 610 \text{ kg } 300 \text{ g}$$

$$= 610 \text{ kg} + 0.3 \text{ kg}$$

$$= 610.3 \text{ kg}$$

**Q#28** Suresh bought a laptop which has a mass of 3g .What is its mass in kilograms?

$$= 3 \text{ g}$$

$$= 3 \div 1000 \text{ kg}$$

$$= 0.003 \text{ kg}$$

**Q#29** A fish tank can hold 5513 ml of water. How much water can it hold in liters?

$$= 5513 \text{ ml}$$

$$= 5513 \div 1000 \text{ L}$$

$$= 5.513 \text{ L}$$

**Q#30** The fuel tank of a car can hold up to 650 ml of fuel. How much is the capacity of the tank in liters?

$$= 650 \text{ ml}$$

$$= 650 \div 1000 \text{ L}$$

$$= 0.65 \text{ L}$$

**Q#31** Erra mixed 1150 ml of fruit punch for a party. What is this volume in liters?

$$= 1150 \text{ ml}$$

$$= 1150 \div 1000 \text{ L}$$

$$= 1.15 \text{ L}$$

**Q#32** These are the ages of 4 children in years: 8, 12, 10, 6

The sum of their ages is \_\_\_\_\_ years. 36

The average age of the children is \_\_\_\_\_ years. 4

**Q#33**      **Marcus measured the masses of four of his friends.**

<b>Mariam</b>	<b>Bryan</b>	<b>Sutha</b>	<b>Kamarul</b>
29 kg	37 kg	32 kg	4 kg

**What is their average mass?**

**Average = Total Amount  $\div$  Total items**

$$\begin{aligned}\text{Total Amount} &= 29 \text{ kg} + 37 \text{ kg} + 32 \text{ kg} + 4 \text{ kg} \\ &= 102 \text{ kg}\end{aligned}$$

$$\text{Total items} = 4$$

$$\begin{aligned}\text{Average} &= 102 \text{ kg} \div 4 \\ &= 25.5 \text{ kg}\end{aligned}$$

**Q#34**      **645.7L of water are poured into 8 empty tanks. What is the average amount of water in each tank? Give your answer in liters, correct to 1 decimal place.**

$$= 645.7 \text{ L}$$

$$\begin{aligned}\text{Average} &= 645.7 \div 8 \\ &= 80.7 \text{ L}\end{aligned}$$

**Q#35**      **The average length of a side of a 4-sided field is 1m. What is the perimeter of the field?**

$$\text{Average length} = 1 \text{ m}$$

$$\text{Perimeter} = 1\text{m} \times 4$$

$$= 4 \text{ m}$$

**Q#36**      **Mr Lian had 100 tress in his orchard, 28 of which were jackfruit trees.**

(a) What percentage of the tress were jack fruit trees?

$$= 28\%$$

(b) What percentage of the tress were not jack fruit trees?

$$= 100\% - 28\%$$

$$= 72\%$$

**Q#37**      **Express each percentage as a fraction in its simplest form.**

➤ 9 % = \_\_\_\_\_ 9/100

➤ 18 % = \_\_\_\_\_ 9/50

➤ 52 % = \_\_\_\_\_ 13/25

**Q#38** Express each fraction or decimal as a percentage.

a.  $47/100 = \underline{\hspace{2cm}}\%$

d.  $7/10 = \underline{\hspace{2cm}}\%$

b.  $1/10 = \underline{\hspace{2cm}}\%$

e.  $0.77 = \underline{\hspace{2cm}}\%$

c.  $0.07 = \underline{\hspace{2cm}}\%$

f.  $0.7 = \underline{\hspace{2cm}}\%$

**Ans:** a. 47%, b. 10%, c. 7%, d. 70%, e. 77%, f. 70%

**Q#39** Complete the table below.

	As a fraction	As a percentage	As a decimal
57 out of 100	57/100	57%	0.57
3 out of 10	3/10	30%	0.3

**Q#40** Draw a triangle XYZ in which  $YZ = 5$  cm,  $Y = 100^\circ$  and  $Z = 30^\circ$

**Q#41** Draw a square ABCD of side 5 cm.

**Q#42**      **What is Right angle triangle?**

**Ans:**      A right-angled triangle is a triangle in which one angle is right angle.

**Q#43**      **What is Isosceles triangle?**

**Ans:**      An isosceles triangle is a triangle in which two of the sides are equal.

**Q#44**      **What is Equilateral triangle?**

**Ans:**      An equilateral triangle is a triangle in which the three sides are equal.

**Q#45**      **Write formula:**

Volume of cuboid = \_\_\_\_\_ x \_\_\_\_\_ x \_\_\_\_\_

**Ans:**      **Volume of cuboid = Length x Breadth x Height**

**Q#46**      **Find volume of Cuboid.**

The length of cuboid is 22 cm, its breadth is 8cm and its height is 8cm.

**Ans:**      Length = 22 cm

Breadth = 8 cm

Height = 8cm

Volume of cuboid = Length x Breadth x Height

= 22 cm x 8 cm x 8 cm

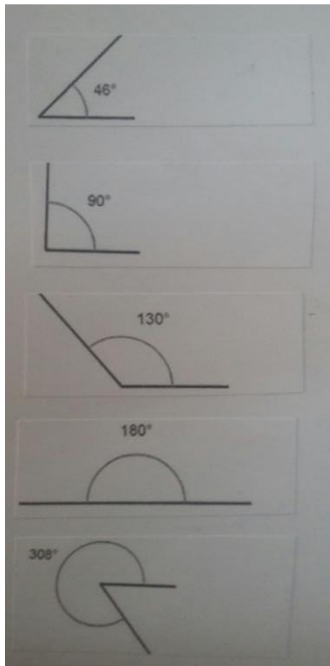
= 1408 cm<sup>3</sup>

**Q#47** Find the volume of cube.

Edge of cube = 13 cm

**Ans:** Volume of cuboid = Length x Breadth x Height  
= 13 cm x 13 cm x 13 cm  
= 2197 cm<sup>3</sup>

**Q#48** Label the following angles.



a.  $\angle 46^\circ =$  \_\_\_\_\_

d.  $\angle 90^\circ =$  \_\_\_\_\_

b.  $\angle 130^\circ =$  \_\_\_\_\_

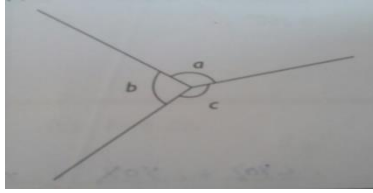
e.  $\angle 180^\circ =$  \_\_\_\_\_

c.  $\angle 308^\circ =$  \_\_\_\_\_

**Ans:** a. Acute angle, b. Right angle, c. Obtuse angle, d. Straight angle,  
e. Reflex angle

**Q#49**

**Find  $\angle a$ ,  $\angle b$ , and  $\angle c$ .**



Let  $\angle a$  ,  $\angle b = \angle a$  ,  $\angle c = \angle a$ .

Sum of angles at a point =  $360^\circ$

$$\angle a + \angle a + \angle a = 360^\circ$$

$$3\angle a = 360^\circ$$

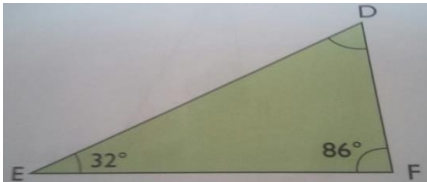
$$\angle a = 360^\circ \div 3$$

$$\angle a = 120^\circ$$

$$\angle a = 120^\circ \angle b = 120^\circ \text{ and } \angle c = 120^\circ$$

**Q#50**

**Find unknown angles.**



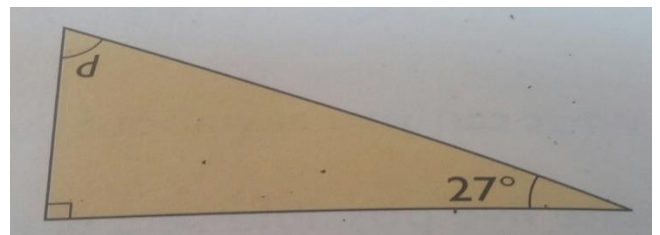
a.  $\angle E + \angle F + \angle D = 180^\circ$

$$32^\circ + 86^\circ + \angle D = 180$$

$$118^\circ + \angle D = 180$$

$$\angle D = 180^\circ - 118^\circ$$

$$\angle D = 62^\circ$$



b.  $\angle 90^\circ + \angle 27^\circ + \angle X = 180^\circ$

$$\angle X = 180^\circ - 117^\circ$$

$$\angle X = 63^\circ$$