

**KALKA PUBLIC SCHOOL**  
**CLASS V (2025-2026)**  
**MATH**

**SAMPLE PRACTICE WORKSHEET**

**Q1. Multiple Choice Questions.**

- (i) The time two hours fifteen minutes before noon is \_\_\_\_\_.
- a) 8:45 am                      b) 11:15 am                      c) 10:45 am                      d) 9:45 am
- (ii) \_\_\_\_\_ is a way to show data as parts of a whole circle, like slices of a pie.
- a) Bar graph                      b) Circle graph                      c) Chart                      d) Pictograph
- (iii) The second and fifth multiple of 16 are \_\_\_\_\_ and \_\_\_\_\_.
- a) 32,80                      b) 16,64                      c) 48,96                      d) 80,112
- (iv) Area of a square lawn of side 20 m is \_\_\_\_\_ sq m.
- a) 300                      b) 400                      c) 600                      d) 200
- (v) How many times do we need to empty 200 mL cup to fill a container of 3 L?
- a) 5                      b) 10                      c) 15                      d) 20
- (vi)  $10\text{ m} - 5\text{ m } 20\text{ cm} =$  \_\_\_\_\_
- a) 4 m 80 cm                      b) 40 m 80 cm                      c) 4 m 8 cm                      d) 5 m 10 cm

**Q2. Mental Math.**

- (i) Raghav leaves for office at 8:35 am and reaches his office after 85 minutes. He reaches his office at \_\_\_\_\_ am.
- (i) Find all the factors of 36.
- (ii) The perimeter of a triangle with sides 2.5 cm, 3.5 cm and 5 cm is \_\_\_\_\_.
- (iii) Representation of data with the help of rectangles of equal width and with equal space between the rectangles is called a \_\_\_\_\_.
- (iv) How many days are there between 22<sup>nd</sup> October and 3<sup>rd</sup> December?
- (v) \_\_\_\_\_ is only even prime number.
- (vi) What will be the time 1 hour 35 minutes after 9:20 pm?

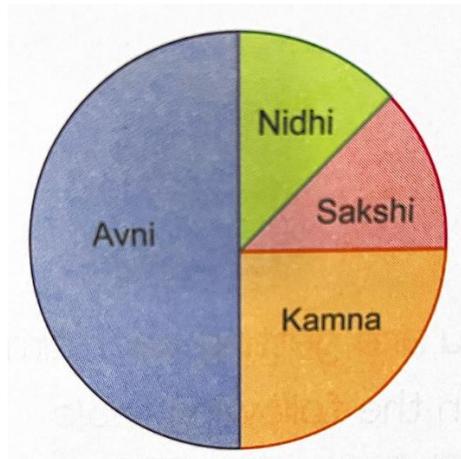
**Q3. Do as directed.**

- (ii) Subtract 6 km 800 m from 19 km 250 m.
- (iii) Find the LCM of 20,45 and 50 using common division method.
- (iv) Add 5 hours 40 minutes and 8 hours 30 minutes.
- (v) Subtract 6 years 10 months from 19 years 2 months.
- (vi) Find the HCF of 36 and 70 using prime factorisation method.
- (vii) Prachi's birthday is after 42 days from now. If her birthday is on September 9, what is the date today?
- (viii) Convert the following.
- a) 435 minutes into hours and minutes
- b) 18 hours 5 minutes into minutes
- c) 120 hours into days
- d) 72 days into weeks and days

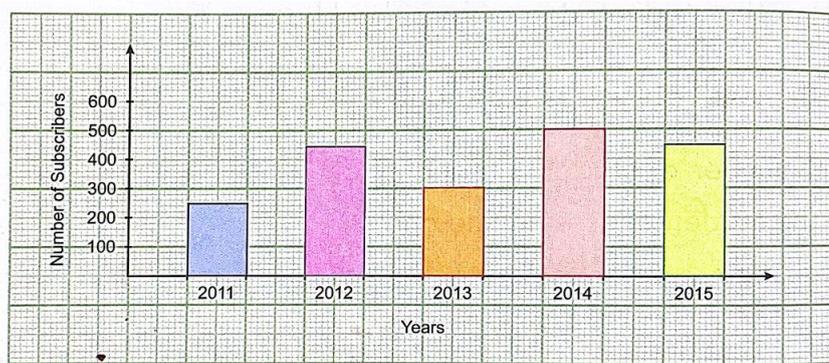
**Q4. Solve the following.**

- (i) A wholesaler sold 213 kg 200 g wheat, 529 kg 300 g rice and 109 kg flour to a vendor. Find the total weight of articles sold by the wholesaler.
- (ii) Kavita bought 8 bags of sugar, each weighing 1.67 kg. What is the total weight of sugar she bought?
- (iii) From a roll of wire 70 m long, two pieces of length 16.5 m and 7.8 m are cut. How much wire is left in the roll?

- (iv) How many bricks of size 20 cm X 5 cm X 5 cm will be needed to build a wall of size 200 cm X 10 cm X 100 cm?
- (v) The dimensions of a wall are 9 m X 7 m, find the cost of painting the wall at the rate of ₹16 per square metre.
- (vi) The number of storybooks read by four friends in six months are depicted in the given circle graph.



- a) Who read the maximum number of books in six months?
  - b) Name the friends who read same number of book.
  - c) If Sakshi read 6 books, how many books did Kamna read?
- (vii) The bar graph shows the number of new subscribers a magazine got every year.



Read the graph carefully and answer the following questions.

- a) How many more subscribers did they have in 2013 as compared to 2011?
- b) In which year did the magazine get the same number of subscribers?
- c) In which year did the magazine get the maximum number of subscribers? What was the count?

### Q5. Case Study.

a) Sandhya is a Class 5 student. One Saturday, she helped her mother plan a small birthday party for her younger brother.

Sandhya woke up at 7:30 a.m. She started decorating the room at 8:15 a.m. and finished at 9:00 a.m. The cake was baked from 10:30 a.m. to 11:15 a.m. The party started at 5:00 p.m. and ended at 7:30 p.m. Sandhya bought 2 kg of flour and 500 g of sugar to bake the cake. She used 750 mL of milk. The ribbon used for decoration was 5 m long. Each juice bottle contained 250 mL, and she

bought 8 bottles.

Now, answer the following questions.

- How much time did Sandhya take to decorate the room?
- For how long was the cake baked?
- What was the total duration of the party?
- Convert 5000 g of sugar into kilograms.
- How much milk was used in litres?

b) The students of Grade 5 are helping to organise a Library Day in their school. In the library, there is a rectangular reading mat that is 20 m long and 15 m wide. There is also a book storage box in the shape of a cuboid with dimensions  $4\text{ m} \times 2\text{ m} \times 1\text{ m}$ . Two classes are taking part in a reading activity. One class has 18 students and the other class has 24 students. Also, two activities are planned for Library Day: storytelling and a reading quiz.

Based on the given information, answer the following questions:

Q1. What is the area of the rectangular reading mat?

Q2. What is the volume of the cuboid book storage box?

Q3. What is the greatest number of students that can be in each group so that both classes are divided equally?

Q4. If storytelling starts every 6 minutes and the reading quiz starts every 9 minutes, after how many minutes will both activities start together again?

Q5. Storytelling ends at 10:15 a.m. and the reading quiz starts at 11:50 a.m. What is the time gap between the two activities?

#### Q6. Geometry.

- Draw an angle of  $70^\circ$  and label it.
- If the diameter of a circle is 100 cm. Find its radius.
- Find the third angle of a triangle whose two angles are  $120^\circ$  and  $25^\circ$ . What type of triangle it is?
- Write the complement of  $73^\circ$ .
- Name all the angles formed in the given figure.

