Mathematics Question Bank

Class 4

Max. Marks: 50   Duration: 2 hours

A. Fill in the blanks.   **5 × 1 = 5**

1. Each face of a cube is a_____.

2. The years 1000, 2000, 3000 and so on are called_____years.

3. The successor of 9581 is_____.

4. The next number in the pattern 5120, 1280, 320 is_____.

5. 81 m 15 cm = _____cm

B. Choose the correct answers.   **5 × 1 = 5**

1. A cuboid with the base and without the lid is:
   a. 4-faced   b. 6-faced   c. 5-faced   d. 3-faced

2. In which of these ranges does the number 2231 appear?
   a. 2200 and 2230   b. 2220 and 2250
   c. 2105 and 2135   d. 2233 and 2263

3. The smallest 4-digit number formed using the digits 4, 5, 8 and 0 is:
   a. 4508   b. 4805   c. 4058   d. 4085

4. Which of these is a multiplication fact for 54?
   a. 17×3 b. 14×3 c. 27×2 d. 7×8

5. On adding 35 kg 4 g and 40 kg 610 g we get:
   a. 75 kg 910 g   b. 76 kg 10 g   c. 75 kg 641 g   d. 75 kg 614 g

C. Match.   **5 × 1 = 5**

| A	B
1. A sphere	1. 1 edge
2. A cuboid	2. 3 edges
3. A cylinder	3. 2 edges
4. A cone	4. no edges
5. A triangle	5. 12 edges

D. Write True or False.   **5 × 1 = 5**

1. Objects that have only length and width are 3D objects.
2. The place value of 4 in the number 5432 is 4.
3. When we divide a number by 10, the digit in the tens place of that number becomes the remainder.
4. Multiples of a number form a pattern.
5. 2000 cm is the same as 2 km.

E. This is a shelf in a supermarket. Except fruits and vegetables, the items that have been packed in similar packets / cartons / bottles have the same weight or volume. Answer the questions based on these details and by observing the picture.   **4 × 1 = 4**
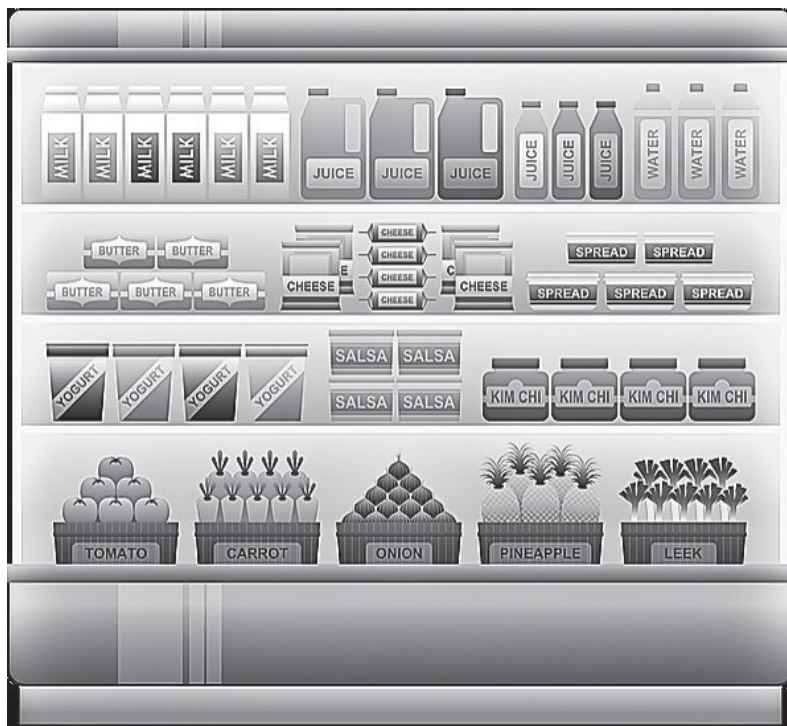
1. Geeta buys 1 kg 550 g of carrot, 450 g of tomatoes, a pineapple weighing 300 g and a packet of butter weighing 200 g. The total weight of these items expressed as a sum of 500 g is:
    a. 500 g + 500 g+500 g
    b. 500 g + 500 g + 500 g + 500 g + 500 g + 500 g
    c. 500 g + 500 g + 500 g + 500 g
    d. 500 g + 500 g + 500 g + 500 g + 500 g

2. The supermarket sells milk in 500 mℓ cartons, juice in 2 ℓ cans and 500 mℓ bottles and water in 1 ℓ bottles. 5 cartons of milk, 2 cans of juice, 1 bottle of juice and 2 bottles of water are sold on a day. What is the total quantity of juices, milk and water left on the top shelf?

    a. 5 ℓ   b. 5 ℓ 500 mℓ   c. 5 ℓ 250 mℓ   d. 4 ℓ 500 mℓ

3. Jyoť buys dairy items for `720, vegetables for `1250 and juices for `600 from the super market. What is the approximate amount she has to pay rounded to the nearest thousand?

a. `2000          b. `3000   c. `2500          d. `3500

4. The weight of a cheese packet is 150 g and that of a butter packet is 200 g. If you place 3 packets of butter on one side of a balance, how many packets of cheese should you place on the other side to match the weight of butter?

a. 4   b. 3   c. 5   d. 6

F. Look at the picture and answer the quesťons.   **4 × 1 = 4**

DICE

1. If the letters of the alphabet are numbered from 1 to 26, what numbers do the letters on the t-shirt represent?

a. 6, 9, 3, 5   b. 6, 9, 1, 5   c. 4, 9, 3, 5   d. 5,9,3,5

2. Read the answer to quesťon 1 without the commas. If you add 1000 to this number, you get:

a. 7935   b. 5935   c. 6915   d. 6935

3. The answer to quesťon 1 is the third number in this pattern:

5145,_____,_____, 4830,_____,_____. Which of the following shows the complete pattern?

a. 5145, 5540, 5935, 4830, 4725, 4120
b. 5145, 5040, 4935, 4830, 4725, 4620
c. 5145, 5840, 6935, 4830, 4740, 4675
d. 5145, 5915, 6915, 4830, 4920, 4985

4. Is the answer to quesťon 1 divisible by 9?

a. Yes   b. No

G. Solve.   **5 × 2 = 10**

1. A budding cricketer has scored 6785 runs in all the district level matches he has played ťll now. The record for the most number of runs at the district level matches is 9830. How many more runs does he need to equal this record? How many runs more does he need to break the record?

2. Mira buys an oven costing ₹5400 for ₹3950, a crockery set costing ₹1900 for ₹1350 and an electric kettle costing ₹1200 for ₹940. How much does she pay for all the items that she buys?

3. A restaurant delivers 145 lunch boxes to some offices in an area. Each office buys 20 lunch boxes. If there are 5 lunch boxes le9, how many offices are there in that area?

4. In a stadium, the seats have been arranged in rows of 25 each. There are 124 such rows. Using the lattice multiplication method, find out how many seats are there in the stadium.

5. On weekdays, Rani travels by auto rickshaw to her college which is 3 km and 500 m away from her home. In the evening, she takes a bus that travels an extra kilometre to reach the bus stop near her house. How much distance does Rani travel in all every day? Give the answer in kilometres.

H. Do as directed.   **4 × 3 = 12**

1. Frame a multiplication and a division question with these details:
   - A farmer buys 24 bundles of green grass each weighing 15 kg to feed his cows.
   - Each cow eats 45 kg of grass in a month.

2. Draw two circles with the same centre but radii of different lengths. Mark the entre and the radii of the two circles.

3. Choose the tle from among the given optons that can tle a rectangular room. Draw a rectangular box in your answer sheet and show a tling pattern with the tle you have chosen.

(**Note**: A gap along the walls is allowed as it can be filled with cut tle pieces. However, no gap is allowed inside the room.)

4. Identfy the top, front and side views of the object given.

(a)　(b)　(c)
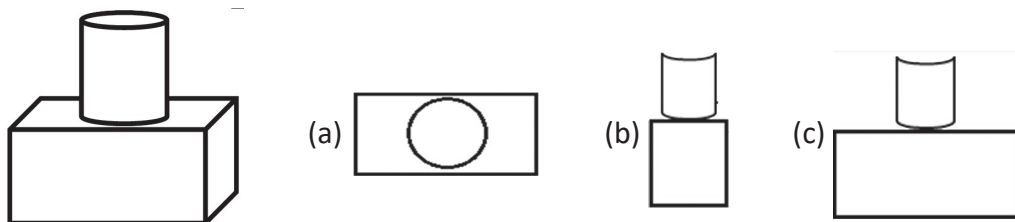
ANSWER KEY

A. 1. square   2. millennium   3. 9582   4. 80   5. 8115 cm

B. 1. c. 5-faced   2. b. 2220 and 2250   3. c. 4058   4. c. 27×2 5. d. 75 kg 614 g

C. 1. d. no edges   2. e. 12 edges   3. c. 2 edges   4. a. 1 edge   5. b. 3 edges

D. 1. False   2. False   3. False   4. True   5. False

E. 1. d. 500 g + 500 g + 500 g + 500 g + 500 g   2. d. 4 � 500 m�   3. b. `3000   4. a. 4

F. 1. c. 4, 9, 3, 5   2. b. 5935   3. b. 5145, 5040, 4935, 4830, 4725, 4620   4. b. No

G. 1. 3045, 3046   2. `6,240   3. 7   4. 3100   5. 8 km

H. 1. Ɏ A farmer buys 24 bundles of green grass each weighing 15 kg to feed his cows. How much do all the bundles weigh together?

     ● A farmer buys 24 bundles of green grass each weighing 15 kg to feed his cows. Each cow eats 45 kg of grass in a month. How many cows does the farmer have?

2.
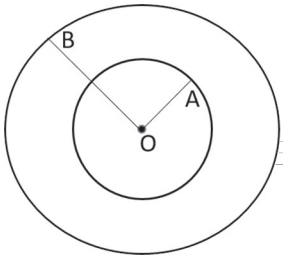
3. *This lle can be used to lle the rectangular room without gaps inside the room.*

    *(**Note:** Students should make a rectangular box in the space provided and draw a lling pa ern using this lle.)*

4. a. Top view   b. Side view   c. Front view