

Some important Maths Questions for class 7 **CBSE students**

Question 1: A plane is flying at the height of 5000 m above the sea level. At a particular point, it is exactly above a submarine floating 1200 m below the sea level. What is the vertical distance between them?

- a) 4200 m
- b) 1500 m
- c) 3800 m
- d) 3600 m

Correct answer: c) 3800 m

Question 2: In the following which statement is true?

- a) $23-41+11 > 23-41-11$
- b) $23-41+11 < 23-41-11$
- c) $23-41+11 = 23-41-11$

Correct answer: b) $23-41+11 < 23-41-11$

Question 3: Write a negative integer and a positive integer whose difference is -3 .

- a) 8 & -5
- b) 5 & -8
- c) -12 & -5
- d) 1 & -8

Correct answer: b) 5 & -8

Question 4: Find the product: $26 \times (-48) + (-48) \times (-36)$

- a) 400
- b) 460
- c) 480
- d) 500

Correct answer: c) 480

Question 5: A cement company earns a profit of Rs 8 per bag of white cement sold and a loss of Rs 5 per bag of grey cement sold. What is the number of white cement bags it must sell to have neither profit nor loss, if the number of grey bags sold is 6,400 bags?

- a) 3,200 bags
- b) 4,000 bags
- c) 4,800 bags
- d) 5,200 bags

Correct answer: b) 4,000 bags

Question 6: Evaluate: $[(-36) \div 12] \div 3$

- a) -1
- b) 1
- c) -2
- d) 2

Correct answer: a) -1

Question 7: The temperature at 12 noon was 10°C above zero. If it decreases at the rate of 2°C per hour until midnight, at what time would the temperature be 8°C below zero? What would be the temperature at midnight?

- a) 6 pm and -14°C
- b) 9 pm and -14°C
- c) 11 pm and -12°C
- d) 10 pm and -10°C

Correct answer: b) 9 pm and -14°C

Question 8: Solve $2 - \frac{3}{5}$

- a) $\frac{13}{5}$
- b) $\frac{7}{3}$
- c) $\frac{-7}{3}$
- d) $\frac{10}{3}$

Correct answer: b) $\frac{7}{3}$

Question 9: A rectangular sheet of paper is $12\frac{1}{2}$ cm long and $10\frac{2}{3}$ cm wide. Find its perimeter.

- a) $\frac{139}{6}$ cm
- b) $\frac{139}{3}$ cm
- c) $\frac{135}{2}$ cm
- d) $\frac{140}{7}$ cm

Correct answer: b) $\frac{139}{3}$ cm

Question 10: Express as a mixed fraction: $4 \times 6\frac{1}{3}$

a) $30\frac{2}{3}$

b) $31\frac{2}{5}$

c) $24\frac{2}{3}$

d) $25\frac{2}{3}$

Correct answer: d) $25\frac{2}{3}$

Question 11: Vidya and Pratap went for a picnic. Their mother gave them a water bag that contained 5 litres of water. Vidya consumed $\frac{2}{5}$ of the water. Pratap consumed the remaining water.

(i) How much water did Vidya drink?

(ii) What fraction of the total quantity of water did Pratap drink?

a) Vidya 2 litres and Pratap $\frac{3}{5}$ litres

b) Vidya 3 litres and Pratap $\frac{4}{5}$ litres

c) Vidya 4 litres and Pratap $\frac{2}{5}$ litres

d) Vidya 1 litres and Pratap $\frac{3}{5}$ litres

Correct answer: a) Vidya 2 litres and Pratap $\frac{3}{5}$ litres

Question 12: Lipika reads a book for $1\frac{3}{4}$ hours every day. She reads the entire book in 6 days. How many hours in all were required by her to read the book?

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- a) $\frac{21}{2}$
- b) $\frac{25}{2}$
- c) $\frac{29}{2}$
- d) $\frac{17}{2}$

Correct answer: a) $\frac{21}{2}$

Question 13: Dinesh went from place A to place B and from there to place C. A is 7.5 km from B and B is 12.7 km from C. Ayub went from place A to place D and from there to place C. D is 9.3 km from A and C is 11.8 km from D. Who travelled more and by how much?

- a) Dinesh, 1 km
- b) Ayub, 0.9 km
- c) Dinesh, 3.2 km
- d) Ayub, 0.5 km

Correct answer: b) Ayub, 0.9 km

Question 14: Find $38.53 \div 1000$

- a) 0.3853
- b) 3.853
- c) 0.03853
- d) 3853

Correct answer: c) 0.03853

Question 15: A vehicle covers a distance of 43.2 km in 2.4 litres of petrol. How much distance will it cover in one litre of petrol?

- a) 10 km per litre
- b) 16 km per litre
- c) 18 km per litre
- a) 20 km per litre

Correct answer: c) 18 km per litre

Question 16: The enrolment in a school during six consecutive years was as follows:

1555, 1670, 1750, 2013, 2540, 2820

Find the mean enrolment of the school for this period.

- a) 2038
- b) 2048
- c) 2058
- d) 2068

Correct answer: c) 2058

Question 17: Find the value $\frac{3m}{5} = 6$

- a) 12
- b) 10
- c) 7
- d) 6

Correct answer: b) 10

Question 18: Laxmi's father is 49 years old. He is 4 years older than three times Laxmi's age. Now set up an equation. (Take Laxmi's age to be 'y' years)

a) $3(y + 4) = 49$

b) $3 + 4y = 49$

c) $3y + 4 = 49$

d) $y(3 + 4) = 49$

Correct answer: c) $3y + 4 = 49$

Question 19: Solve $4(m + 3) = 18$

a) 4

b) $\frac{2}{3}$

c) 2

d) $\frac{3}{2}$

Correct answer: d) $\frac{3}{2}$

Question 20: When I subtracted 11 from twice a number, the result was 15. Now set up an equation.

a) $2 \times 11x = 15$

b) $2x - 11 = 15$

c) $15x + 11 = 2x$

d) $x - 11 = 15$

Correct answer: b) $2x - 11 = 15$