



Mental Maths Worksheet for Class 5

Contents

1. Mental Maths Worksheet for Class 5.....	1
2. Solve	7
3. Answers	8
4. CREST Mathematics Workbook	9
5. About CREST Olympiads	10
6. How to register for International CREST Olympiads?	10

The Mental Maths worksheet for class 5 typically includes some common topics i.e addition, subtraction, multiplication, division, fractions, etc. This worksheet provides students with opportunities to practice and improve their Mental Math skills in a variety of real-life situations.

Overall, Mental Math worksheet for class 5 plays an important role in helping students develop strong number sense and mathematical fluency. With regular practice, students will be able to perform complex mathematical operations with ease, making it easier for them to tackle challenging math problems in the future. We recommend students to practice following Mental Maths questions for class 5.

Mental Maths Worksheet for Class 5

1. What is the sum of 36 and 49?

- a) 75
- b) 85
- c) 95
- d) 105

Answer: b) 85

Explanation: $36 + 49 = 85$

2. What is the difference between 55 and 34?

- a) 21
- b) 19
- c) 15
- d) 11

Answer: a) 21

Explanation: $55 - 34 = 21$

3. What is the product of 8 and 9?

- a) 72
- b) 68
- c) 63
- d) 59

Answer: a) 72

Explanation: $8 \times 9 = 72$

4. What is the quotient of 100 divided by 10?

- a) 10
- b) 11
- c) 15
- d) 20

Answer: a) 10

Explanation: $100 \div 10 = 10$

5. Balance the equation: $4 + x = 9$.

- a) $x = 5$
- b) $x = 3$
- c) $x = 6$
- d) $x = 7$

Answer: a) $x = 5$

Explanation: $9 - 4 = 5$, therefore $x = 5$.

6. Which of the following is a 3-dimensional shape?

- a) Triangle
- b) Circle
- c) Cube
- d) Square

Answer: c) Cube

Explanation: A cube is a 3-dimensional shape that has 6 faces, 8 vertices and 12 edges.

7. What is the volume of a cube with a side length of 6 cm?

- a) 36 cm^3
- b) 216 cm^3
- c) 18 cm^3
- d) 12 cm^3

Answer: b) 216 cm^3

Explanation: The volume of a cube can be calculated by cubing the side length, which is 6 cm. So, $6 \times 6 \times 6 = 216 \text{ cm}^3$.

8. What is the weight of 2 kilograms of apples?

- a) 2 kg
- b) 20 kg
- c) 2000 kg
- d) 4 kg

Answer: a) 2 kg

Explanation: The weight of 2 kilograms of apples is still 2 kilograms, which is the unit of measure.

9. If a bag of sugar weighs 1 kilogram, how many bags of sugar weigh 3 kilograms?

- a) 3
- b) 0.33
- c) 0.5
- d) 1.5

Answer: a) 3

Explanation: If one bag of sugar weighs 1 kilogram, then 3 bags of sugar would weigh 3 kilograms.

10. How many millilitres are there in 1 litre?

- a) 500 ml
- b) 1000 ml
- c) 5000 ml
- d) 500000 ml

Answer: b) 1000 ml

Explanation: The number of millilitres in 1 litre is still 1000 millilitres, which is the unit of measure.

11. What is $\frac{1}{2}$ of 20?

- a) 10
- b) 5
- c) 15
- d) 20

Answer: a) 10

Explanation: To find $\frac{1}{2}$ of 20, divide 20 by 2, which equals 10.

12. What is the equivalent fraction for $\frac{3}{4}$?

- a) $\frac{6}{8}$
- b) $\frac{9}{12}$
- c) $\frac{4}{6}$
- d) $\frac{12}{16}$

Answer: a) $\frac{6}{8}$

Explanation: To find the equivalent fraction for $\frac{3}{4}$, multiply the numerator and denominator by the same number, such as 2. $3 \times 2 = 6$ and $4 \times 2 = 8$. Therefore, the equivalent fraction for $\frac{3}{4}$ is $\frac{6}{8}$.

13. What is 30% of 50?

- a) 15
- b) 25
- c) 35
- d) 45

Answer: a) 15

Explanation: To find 30% of 50, multiply 50 by 0.30, which equals 15.

14. What is the ratio of 10 to 20?

- a) 1:2
- b) 2:1
- c) 5:10
- d) 10:5

Answer: b) 2:1

Explanation: The ratio of 10 to 20 can be simplified by dividing both numbers by the same number, such as 10. $10/10 = 1$ and $20/10 = 2$. Therefore, the ratio of 10 to 20 is 2:1.

15. What is the mean of the following set of numbers: 5, 8, 9, 11, 12?

- a) 9
- b) 8
- c) 10
- d) 11

Answer: a) 9

Explanation: The mean is found by adding all the numbers and dividing by the number of items. $(5 + 8 + 9 + 11 + 12) \div 5 = 45 \div 5 = 9$.

16. What is the median of the following set of numbers: 7, 9, 11, 13, 15?

- a) 11
- b) 12
- c) 13
- d) 14

Answer: a) 11

Explanation: The median is the middle number in a set of numbers. When ordered, the numbers are 7, 9, 11, 13, 15, making 11 the median.

17. What is the range of the following set of numbers: 4, 7, 9, 11, 14?

- a) 10
- b) 11
- c) 3
- d) 5

Answer: a) 10

Explanation: The range is the difference between the largest and smallest numbers in a set. $14 - 4 = 10$.

18. What is the mode of the following set of numbers: 5, 7, 9, 9, 11?

- a) 9
- b) 5
- c) 7
- d) 11

Answer: a) 9

Explanation: The mode is the number that appears most often in a set of numbers. 9 appears twice, making it the mode.

19. A store is open for 10 hours each day. If it opens at 9:00 am, what time will it close?

- a) 7:00 pm
- b) 7:30 pm
- c) 8:00 pm
- d) 8:30 pm

Answer: b) 7:30 pm

Explanation: If the store is open for 10 hours, it will close 10 hours after it opens. $9:00 \text{ am} + 10 \text{ hours} = 7:00 \text{ pm}$. However, because it opens at 9:00 am, it will actually close at 7:30 pm.

20. If it takes 15 minutes to travel from school to the park, how long will it take to travel to the park and back to school?

- a) 30 minutes
- b) 45 minutes
- c) 60 minutes
- d) 75 minutes

Answer: a) 30 minutes

Explanation: Travelling to the park takes 15 minutes, and travelling back takes another 15 minutes, for a total of $15 + 15 = 30$ minutes.

Solve

1. What is the mean of the following numbers: 4, 8, 9, 2, 5?

- a) 5
- b) 6
- c) 7
- d) 8

2. What is the median of the following numbers: 7, 5, 8, 9, 6?

- a) 6
- b) 7
- c) 8
- d) 9

3. What is the range of the following numbers: 9, 5, 7, 4, 8?

- a) 4
- b) 5
- c) 6
- d) 7

4. What is the mode of the following numbers: 5, 8, 4, 9, 5?

- a) 4
- b) 5
- c) 8
- d) 9

5. What is the time in hours if it takes 60 minutes to complete a task?

- a) 0.5 hours
- b) 1 hour
- c) 1.5 hours
- d) 2 hours

6. What is the area of a triangle with a base of 5 cm and a height of 6 cm?

- a) 10 cm^2
- b) 15 cm^2
- c) 30 cm^2
- d) 45 cm^2

7. What is the volume of a sphere with a radius of 4 cm?

- a) $16\pi \text{ cm}^3$
- b) $32\pi \text{ cm}^3$
- c) $64\pi \text{ cm}^3$
- d) $128\pi \text{ cm}^3$

8. What is the cost of 5 items if each item costs \$2?

- a) \$10
- b) \$12
- c) \$15
- d) \$20

9. What is the weight of an object that weighs 20 kg and is converted to grams?

- a) 20000 g
- b) 2000 g
- c) 200 g
- d) 20 g

10. What is the volume of a cylinder with a height of 7 cm and a radius of 3 cm?

- a) $63\pi \text{ cm}^3$
- b) $84\pi \text{ cm}^3$
- c) $147\pi \text{ cm}^3$
- d) $294\pi \text{ cm}^3$

Answers

- 1. b) 6
- 2. b) 7
- 3. a) 4
- 4. b) 5
- 5. b) 1 hour
- 6. b) 15 cm^2
- 7. c) $64\pi \text{ cm}^3$
- 8. a) \$10
- 9. a) 20000 g
- 10. b) $84\pi \text{ cm}^3$

CREST Mathematics Workbook

As extra information, more related materials are also available for students to prepare concepts like addition for class 5. Students are encouraged to think about learning from CREST Olympiads' workbooks. These workbooks have engaging content to make learning fun for class 5 students. It will help them to practice and prepare for CREST Mathematics Olympiad (CMO) and other exams. Additionally, useful for regular school tests.

CREST Mathematics workbook for class 5 can be considered by the students because of the following features -

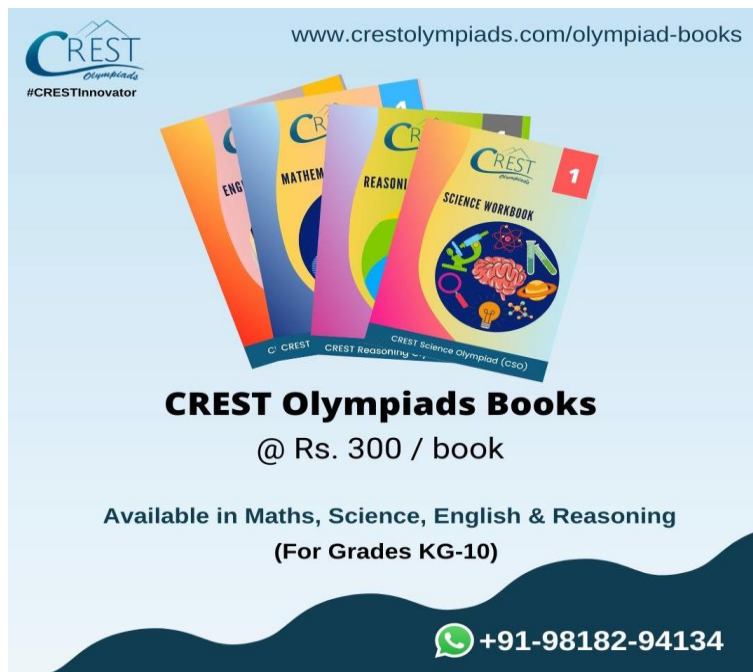
1. Includes a detailed explanation of each topic with practice questionnaires.
2. Covers [class 5 previous year paper of the CREST Mathematics Olympiad](#).
3. Provides answer key for all questions

Useful Links:

[CREST Mathematics Olympiad Book \(First Chapter\) PDF for Class 5 \(Free Download\)](#)

[CREST Olympiads Books for Class 5](#)

Buy CREST Olympiads workbooks here: <https://www.crestolympiads.com/olympiad-books>



www.crestolympiads.com/olympiad-books

CREST Olympiads Books
@ Rs. 300 / book

Available in Maths, Science, English & Reasoning
(For Grades KG-10)

+91-98182-94134

About CREST Olympiads

CREST Olympiads, Most Innovative Olympiad exam is conducted for students in **grades KG - 10**. These Olympiad exams are taken by students from 25+ countries and 4000+ schools.

CREST Olympiads is organized in the following subjects:

1. [CREST Mathematics Olympiad \(CMO\)](#)
2. [CREST Science Olympiad \(CSO\)](#)
3. [CREST English Olympiad \(CEO\)](#)
4. [CREST Reasoning Olympiad \(CRO\)](#)
5. [CREST Cyber Olympiad \(CCO\)](#)
6. [CREST International Spell Bee - Summer \(CSB\)](#)
7. [CREST International Spell Bee - Winter \(CSBW\)](#)

How to register for International CREST Olympiads?

Follow the below steps to register -

Step 1: Visit the [Olympiad registration](#) link.

Step 2: The registration form opens up.

Step 3: Fill in all the registration form details.

Step 4: Select the subject(s).

Step 5: Read the instructions carefully.

Step 6: Proceed to make the payment.

Step 7: Registration is complete.

Note: In case of any queries, related to CREST Olympiads, email us at info@crestolympiads.com or call/WhatsApp on +91-98182-94134.