Mental Maths Worksheet for Class 8

Contents

Mental Maths worksheet for class 8 is a practice sheet designed to help students develop their mental arithmetic skills. The worksheet contains a series of math problems. The purpose of this worksheet is to enhance students' ability to perform quick calculations in their minds and increase their overall speed and accuracy in solving Math problems.

Mental Maths worksheet for class 8 is an excellent way to reinforce mathematical concepts learned in class, as well as help students develop their problem-solving and critical thinking skills. This can also be used as a pre-assessment tool to gauge students' understanding of a particular topic before moving on to more advanced concepts.

Students can benefit greatly from regular practice of Mental Maths questions for class 8. Hence, we recommend students to practice following questions.

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1. What is the equivalent fraction for 0.75?

a) 3/4
b) 4/3
c) 7/5
d) 5/7

Answer: a) 3/4

2. What is the value of the?
   1, 4, 7, 10, 13

a) 16
b) 14
c) 15
d) 19

Answer: a) 16

3. What is the slope of the line y = 2x + 1?

a) 2
b) 3
c) 4
d) 5

Answer: a) 2

4. What is the formula for finding the volume of a cylinder?

a) $\pi r^2 h$
b) $\pi r^3 h$
c) $\pi r h^2$
d) $\pi r^2 h^2$

Answer: a) $\pi r^2 h$

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

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

Answer: b) 7

6. What is the probability of rolling a 4 on a standard dice?

a) 1/6
b) 1/5
c) 1/4
d) 1/3

Answer: a) 1/6

7. What is the length of a rectangular room measuring 7 meters by 4 meters?

a) 11 meters
b) 28 meters
c) 31 meters
d) 35 meters

Answer: b) 28 meters

8. What is the volume (capacity) of a rectangular prism with a length of 10 cm, a width of 5 cm, and a height of 2 cm?

a) 100 cm^3
b) 60 cm^3
c) 20 cm^3
d) 10 cm^3

Answer: a) 100 cm^3

9. What is the area of a triangle with a base of 8 cm and a height of 5 cm?

a) 20 cm^2
b) 40 cm^2
c) 30 cm^2
d) 50 cm^2

Answer: a) 20 cm^2

Solve

1. What is the volume (capacity) of a rectangular prism with a length of 10 cm, a width of 6 cm, and a height of 5 cm?

a) 120 cm³
b) 350 cm³
c) 300 cm³
d) 700 cm³

2. What is the area of a circle with a radius of 6 cm?

a) 113.1 cm²
b) 36 cm²
c) 72 cm²
d) 28.26 cm²

3. What is the volume of a cylinder with a height of 8 cm and a radius of 4 cm?

a) 101.13 cm³
b) 402.12 cm³
c) 40.45 cm³
d) 80.90 cm³

4. Which of the following shapes is a sphere?

a) Cube
b) Cylinder
c) Rectangular prism
d) Ball

5. How many sides does a triangle have?

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

6. What is the product of 5/6 and 4/5?

a) 1/3
b) 1/2
c) 4/5
d) 2/3

7. What is the sum of 4/5 and 2/5?

a) 6/5
b) 1/2
c) 3/5
d) 2/3

Answers

1. c) 300 cm^3
2. a) 113.1 cm^2
3. b) 402.12 cm^3
4. d) Ball
5. c) 3
6. d) 2/3
7. a) 6/5

CREST Mathematics Workbook

As extra information, more related materials are also available for students to prepare concepts like addition for class 8. Students are encouraged to think about learning from CREST Olympiads' workbooks. These workbooks have engaging content to make learning fun for class 8 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 8 can be considered by the students because of the following features -
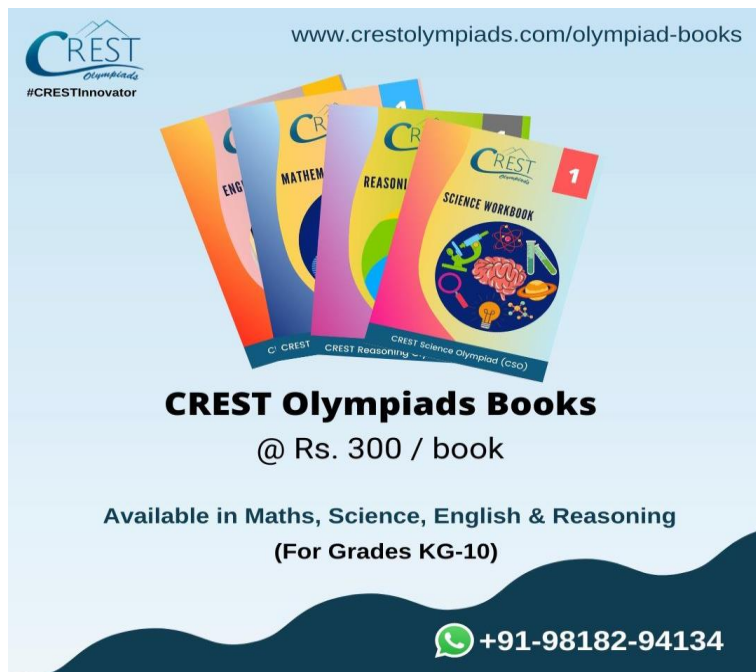
1. Includes a detailed explanation of each topic with practice questionnaires.
2. Covers class 8 previous year paper of the CREST Mathematics Olympiad.
3. Provides answer key for all questions

Useful Links:

CREST Mathematics Olympiad Book (First Chapter) PDF for Class 8 (Free Download)

CREST Olympiads Books for Class 8

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

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