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NCERT Class 8 maths: Ganita Prakash Part I chapter guide

Practice worksheet - Maths · Class 8

Name: _____ Date: _____

Show your working. Answers are not included in this copy.

Try each task before opening its answer. Give an example or reason, not only a label.

Write an answer and your reason before opening the explanation. Check the reasoning as well as the final answer.

1. Find √49.

2. Solve $x^2 = 49$ over the real numbers.

3. Find the volume of a cube of side 4 cm.

4. Simplify $2^4 \times 2^3$.

5. Is 246 divisible by 2? Explain.

6. Give a counterexample to "every odd number is prime".

7. A quadrilateral has three right angles. Find the fourth angle.

8. One angle of a parallelogram is 65°. Find an adjacent angle.

Practice continued

9. A parallelogram has base 8 cm and perpendicular height 5 cm. Find its area.

10. Expand 3(x + 6).

11. Factorise 5 x + 15 using the common factor.

12. Four identical pens cost ₹28. Find the cost of nine at the same unit price.

13. A delivery costs ₹10 plus ₹4 per item. Is the total directly proportional to item count?

14. Can this verified Part I list confirm a Part II chapter number?