bananalearn

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Percentage increase and decrease for Grade 8

Practice worksheet - Maths · Grade 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. Increase ₹400 by 10%.

2. Decrease ₹400 by 10%.

3. ₹60 rises to ₹75. Percentage increase?

4. ₹80 falls to ₹60. Percentage decrease?

5. A 10% discount leaves ₹450. Original?

6. A 25% rise gives ₹250. Original?

7. ₹100 rises 10%, then falls 10%. What is the final amount?

8. What multiplier gives a 7% increase?

Practice continued

9. What multiplier gives a 7% decrease?

10. What is the percentage increase when a positive value doubles?

11. 20% rises to 25%. How many percentage points?

12. For the same 20% to 25% change, percentage increase?

13. Can percentage change from 0 to 10 be calculated as 10÷0×100?

14. Why does adding 20% to a discounted price not usually undo a 20% discount?