

Change Checkup Answer Key

1. False. Correct answer: 25% increase.
2. True.
3. True.
4. False. Correct answer: 25% increase.
5. False. Correct answer: 20% decrease.
6. True.
7. False. Correct answer: 15% decrease.
8. False. Correct answer: 20% increase.
9. False. Correct answer: 25% increase.
10. True.

Teacher's Guide

- Quick implementation tips
 - o Have students determine whether the value increased or decreased before checking the stated answer.
 - o Remind students that percent change is based on the original value.
 - o Encourage students to show their calculations for every false statement.
- Differentiation strategies
 - o Let students work in pairs to discuss why a statement is true or false.
 - o Provide a percent change formula reference for students who need extra support.
 - o Challenge advanced students to explain the error in each false statement using complete sentences.
- Engagement ideas
 - o Pause after each question for a class vote on whether it is true or false.
 - o Have students create one true statement and one false statement for classmates to solve.
- Extension activities
 - o Students rewrite each false statement so it becomes true.
 - o Ask students to create three original and new value pairs and write matching true or false percent change statements.