

Increase Or Decrease Answer Key

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|-----------------|-------------------------------------|
| 1. 25% increase | 8. 15% increase |
| 2. 25% decrease | 9. 25% decrease |
| 3. 30% increase | 10. 20% decrease |
| 4. 25% decrease | 11. 25% increase |
| 5. 20% increase | 12. 26% decrease (26% when rounded) |
| 6. 25% increase | |
| 7. 20% decrease | |

Teacher's Guide

- Quick implementation tips
 - o Review the percent change formula before students begin.
 - o Remind students to subtract first, then divide by the original value, and multiply by 100.
 - o Encourage students to label each answer as an increase or decrease.
- Differentiation strategies
 - o Allow struggling students to use a calculator after showing each calculation step.
 - o Pair students to compare their work and explain how they identified increase or decrease.
 - o Challenge advanced students to write the percent change as a decimal before converting to a percent.
- Engagement ideas
 - o Have students hold up an "Increase" or "Decrease" card before calculating.
 - o Ask volunteers to explain one problem on the board using the formula.
- Extension activities
 - o Have students create three original percent change problems for a partner to solve.
 - o Ask students to find a real-life example of a price, score, or measurement that increased or decreased and calculate the percent change.