

Percent Change Finder Answer Key

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|------------------|-------------------|
| 1. Increase, 25% | 7. Decrease, 15% |
| 2. Decrease, 20% | 8. Decrease, 20% |
| 3. Increase, 25% | 9. Increase, 25% |
| 4. Decrease, 20% | 10. Decrease, 25% |
| 5. Increase, 20% | 11. Increase, 20% |
| 6. Increase, 20% | 12. Increase, 25% |

Teacher's Guide

- Quick implementation tips
 - o Have students identify whether the new value is greater or less than the original before calculating.
 - o Remind students that percent change is always based on the original value.
 - o Encourage students to check whether their answer matches the direction of change.
- Differentiation strategies
 - o Let students highlight the original and new values in different colors.
 - o Provide a percent change formula reference card for students who need support.
 - o Challenge advanced students to write the decimal equivalent of each percent change.
- Engagement ideas
 - o Before solving, have students predict "increase" or "decrease" for each row with a partner.
 - o Turn the worksheet into a class challenge by awarding one point for the correct direction and one point for the correct percent.
- Extension activities
 - o Students create four original and new value pairs, then exchange papers with a partner to solve.
 - o Ask students to find an example of a percent increase and a percent decrease from everyday life and calculate each percent change.