

Data Shift Answer Key

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

Teacher's Guide

- Quick implementation tips
 - o Remind students to compare the before and after values before calculating.
 - o Emphasize that the original, or before, value is always used when finding percent change.
 - o Encourage students to estimate whether the answer should be close to 20%, 25%, or another familiar benchmark before solving.
- Differentiation strategies
 - o Have students write the amount of change beside each row before finding the percent.
 - o Allow calculators after students correctly set up the calculation.
 - o Pair students to discuss why each situation is an increase or decrease.
- Engagement ideas
 - o Ask students to predict whether each row shows an increase or decrease before calculating.
 - o Have small groups compare answers and explain one solution to the class.
- Extension activities
 - o Students create a before-and-after data table with four new examples for a partner to solve.
 - o Ask students to collect a simple set of classroom data over two days and calculate the percent change for each category.