

Calculating Percent Change

To calculate percent change, use the formula: $\frac{\text{new value} - \text{starting value}}{\text{starting value}} \times 100$

Example:

A value changes from 40 to 50. $\frac{50 - 40}{40} \times 100 = 25\%$ increase

A. Find the percent change from one number to the next.

1. 20 to 30 = _____

6. 60 to 90 = _____

2. 50 to 65 = _____

7. 200 to 140 = _____

3. 40 to 28 = _____

8. 90 to 72 = _____

4. 80 to 100 = _____

9. 160 to 200 = _____

5. 120 to 96 = _____

10. 75 to 60 = _____

Calculating Percent Change

To calculate percent change, use the formula: $\frac{\text{new value} - \text{starting value}}{\text{starting value}} \times 100$

Example:

A value changes from 40 to 50. $\frac{50 - 40}{40} \times 100 = 25\%$ increase

A. Find the percent change from one number to the next.

1. 20 to 30 = 50% increase

6. 60 to 90 = 50% increase

2. 50 to 65 = 30% increase

7. 200 to 140 = 30% decrease

3. 40 to 28 = 30% decrease

8. 90 to 72 = 20% decrease

4. 80 to 100 = 25% increase

9. 160 to 200 = 25% increase

5. 120 to 96 = 20% decrease

10. 75 to 60 = 20% decrease