

Name \_\_\_\_\_

## ANSWERS

# PERCENT OF CHANGE

Instructions: Find each percent change to the nearest percent. State if it is an increase or a decrease.

1) From 300 participants to 450 participants in a marathon.

Calculation:  $\frac{450-300}{300} \times 100$

Answer: **50% increase**



2) From 1200 ml to 1440 ml in a beverage container.

Calculation:  $\frac{1440-1200}{1200} \times 100$

Answer: **20% increase**



3) From 400 units to 320 units in a warehouse.

Calculation:  $\frac{400-320}{400} \times 100$

Answer: **20% decrease**



4) From 150 minutes to 180 minutes of a movie.

Calculation:  $\frac{180-150}{150} \times 100$

Answer: **20% increase**



5) From 500 visitors to 375 visitors at a museum.

Calculation:  $\frac{500-375}{500} \times 100$

Answer: **25% decrease**



How Did You Do? 😊 😐 😞