CHECK YOUR KNOWLEDGE

For **1** through **5**: Are the following rates of change percent increases or decreases?

1. 7% to 17%

3. 5.0025% to 5.0021%

2. 87.5% to 36.2%

4. $92\frac{1}{2}$% to $92\frac{1}{5}$%

5. 31.5% to 75%

6. Find the percent increase or decrease from 8 to 18.

7. Find the percent increase or decrease from 0.05 to 0.03.

8. Find the percent increase or decrease from 2 to 2,222.

9. A bike store purchases mountain bikes from the manufacturer for $250 each. They then sell the bikes to their customers for $625. What percent of change is this?

10. While working at the taco shop, Gerard noticed that on Sunday they sold 135 tacos. However, the next day, they sold only 108. What percent of change happened from Sunday to Monday?

ANSWERS