

Name: _____

Period: _____ Date: _____

Percent of Increase and Decrease Answers**Determine if the change in value is a percent of increase or decrease. Find the percent.**

1. A hat was \$25.00 now is \$40.00

increase 60%

2. A woman was 160lbs now she is 120lbs

decrease 25%

3. A cup of water was 30ml now it is 20ml

decrease $33\frac{1}{3}\%$ 4. A balloon was 10 in^3 now it is 17 in^3 *increase 70%*

5. The temperature was 32° now it is 44°

increase $37\frac{1}{2}\%$

6. A toxin was 24ppm now it is 16ppm

decrease $33\frac{1}{3}\%$

7. A tree had 48 apples, now it has 54

increase $12\frac{1}{2}\%$

8. There were 24 rabbits, now there are 44

increase $83\frac{1}{3}\%$

9. A bike was \$650.00 now it is \$390.00

decrease 40%

10. A string was 80in long now it is 68 in

*decrease 15%***Find the new value of the item.**

11. 15% tip on a \$85.00 bill

\$97.75

12. 30% Discount on a \$50.00 sweater

\$35.00

13. A 400% markup on a \$62.00 ring

\$248.00

14. A 3% salary increase of \$38,000.00

\$39,140.00