

Name: _____

Period: _____

Worksheet 10-3
Percent of Change

Allen

Unit 10

Find each percent of increase. Round to the nearest whole percent (no decimal) if necessary.

1. 40 is increased to 45

3. 35 is increased to 49

2. 11 is increased to 88

4. 72 is increased to 117

Find each percent of decrease. Round to the nearest whole percent (no decimal) if necessary.

5. 140 is decreased to 77

7. 83 is decreased to 0

6. 475 is decreased to 152

8. 56 is decreased to 35

Find each percent of change. Also, tell whether it is a *percent increase* or *percent decrease*. Round to the nearest whole percent (no decimal) if necessary.

9. original: 24
new: 21

10. original: 50
new: 41

11. original: 88
new: 26

Find each percent of change. Also, tell whether it is a *percent increase* or *percent decrease*. Round to the nearest whole percent (no decimal) if necessary.

12. 95 to 145

14. 127 to 84

16. 60 to 120

13. 10 to 100

15. 69 to 117

17. 19 to 9

18. Mark weighed 110 pounds last year. He weighs 119 pounds this year. What is the percent increase in his weight? **Round to the nearest whole percent (no decimal) if necessary.**

19. Susan had \$540 in her savings account last month. She spent \$300 this month. Find her new account balance, and then find the percent of decrease. **Round to the nearest whole percent (no decimal) if necessary.**

20. The population density of California was 151.4 people per square mile in 1980. By 1990 it had gone to 190.8 people per square mile. Find the percent of change and tell whether it is a percent increase or decrease. **Round to the nearest whole percent (no decimal) if necessary.**