Name: _____ Date: _____

Percent Increase and Decrease

Grade 7 • 34 questions • Part A: find the new amount. Find the percent of the amount, then add or take it away

1. Increase 50 by 15% _____
2. Decrease 40 by 25% _____
3. Increase 80 by 25% _____
4. Decrease 300 by 40% _____
5. Increase 50 by 25% _____
6. Decrease 80 by 15% _____
7. Increase 300 by 15% _____
8. Decrease 50 by 40% _____
9. Increase 250 by 40% _____
10. Decrease 40 by 10% _____
11. Increase 150 by 20% _____
12. Decrease 80 by 10% _____

Part B • Write the multiplier for each change

13. A decrease of 20% _____
14. A decrease of 5% _____
15. A decrease of 12% _____
16. An increase of 40% _____
17. An increase of 30% _____
18. A decrease of 75% _____
19. A decrease of 8% _____
20. An increase of 8% _____

Name: _____ Date: _____

Percent Increase and Decrease

Part C • Find the percent increase or decrease. Divide the change by the starting amount

21. From 400 to 380 _____

22. From 250 to 200 _____

23. From 120 to 168 _____

24. From 80 to 84 _____

25. From 40 to 50 _____

26. From 400 to 300 _____

27. From 40 to 20 _____

28. From 250 to 375 _____

Part D • Word problems

29. A $40 game goes up in price by 10%. What is the new price?

Answer: _____

30. A town of 2,000 people grows by 15%. What is the new population?

Answer: _____

31. A $250 bike loses 20% of its value. What is it worth now?

Answer: _____

32. Mia's score went from 40 to 50. What is the percent increase?

Answer: _____

33. A $500 phone loses 20% of its value each year. What is it worth after 2 years?

Answer: _____

34. A $100 price goes up 10%, then down 10%. What is the final price?

Answer: _____

Answer Key — Percent Increase and Decrease

1. 57.5
2. 30
3. 100
4. 180
5. 62.5
6. 68
7. 345
8. 30
9. 350
10. 36
11. 180
12. 72
13. × 0.8
14. × 0.95
15. × 0.88
16. × 1.4
17. × 1.3
18. × 0.25
19. × 0.92
20. × 1.08
21. 5% decrease
22. 20% decrease
23. 40% increase
24. 5% increase
25. 25% increase
26. 25% decrease
27. 50% decrease
28. 50% increase
29. $44
30. 2,300
31. $200
32. 25%
33. $320
34. $99