

Find each percent increase. Round to the nearest percent. (Example 1)

1. From \$5 to \$8 \_\_\_\_\_
2. From 20 students to 30 students \_\_\_\_\_
3. From 86 books to 150 books \_\_\_\_\_
4. From \$3.49 to \$3.89 \_\_\_\_\_
5. From 13 friends to 14 friends \_\_\_\_\_
6. From 5 miles to 16 miles \_\_\_\_\_
7. Nathan usually drinks 36 ounces of water per day. He read that he should drink 64 ounces of water per day. If he starts drinking 64 ounces, what is the percent increase? Round to the nearest percent. (Example 1) \_\_\_\_\_

Find each percent decrease. Round to the nearest percent. (Example 2)

8. From \$80 to \$64 \_\_\_\_\_
9. From 95°F to 68°F \_\_\_\_\_
10. From 90 points to 45 points \_\_\_\_\_
11. From 145 pounds to 132 pounds \_\_\_\_\_
12. From 64 photos to 21 photos \_\_\_\_\_
13. From 16 bagels to 0 bagels \_\_\_\_\_
14. Over the summer, Jackie played video games 3 hours per day. When school began in the fall, she was only allowed to play video games for half an hour per day. What is the percent decrease? Round to the nearest percent. (Example 2) \_\_\_\_\_

Find the new amount given the original amount and the percent of change. (Example 3)

15. \$9; 10% increase \_\_\_\_\_
16. 48 cookies; 25% decrease \_\_\_\_\_
17. 340 pages; 20% decrease \_\_\_\_\_
18. 28 members; 50% increase \_\_\_\_\_
19. \$29,000; 4% decrease \_\_\_\_\_
20. 810 songs; 130% increase \_\_\_\_\_
21. Adam currently runs about 20 miles per week, and he wants to increase his weekly mileage by 30%. How many miles will Adam run per week? (Example 3) \_\_\_\_\_