

# unit rates

name \_\_\_\_\_

1. Tyrese can eat 246 pieces of candy in 4 hours and 45 minutes. What would be the approximate number of pieces of candy that Tyrese can eat in one hour?
2. Emily is preparing cookies for her friends. She is at the market where she sees a 14-ounce bag of chocolate chips for \$3.50. The market also sells a 24-ounce bag of chocolate chips for \$5.28. Which size bag is the better buy?
3. Kayleigh is purchasing organic carrots for her pet rabbit. The store sells a 5-pound bag for \$9.45 and an 8 pound bag for \$13.68. Which one is the better deal?
4. One hot summer day in Austin, Texas, the temperature rose 32 degrees over the course of 4 hours. What would be the average increase in temperature per hour?
5. At the assembly line, Joe is able to pack 150 boxes in one hour. At this rate, how many complete boxes can Joe pack per minute?
6. Mya put 4 gallons of gas in her car and it cost her \$15.20. How much did the gas cost per gallon?
7. Jason filled his 52 ounce mug full of his favorite soda at the gas station. It cost him \$1.07 to fill it up. How much did it cost per ounce?
8. On a cold winter day in Boston, Massachusetts, the temperature fell 27 degrees over the course of 9 hours. Based on this change in temperature, how many degrees did the temperature fall each hour?
9. While buying dog food for Dozer, Jamie noticed that a 15 pound bag was priced at \$26.09, while the 32 pound bag was priced at \$44.99. Which bag was the better buy?