In 1 and 2, write each statement as a rate.

2. Brenda records 76 songs on 4 albums.

In 3 and 4, find the value of \( m \).

3. | Megabytes | 0 | \( m \) | 64 | 96 |
   | Seconds  | 0 | 1 | 4 | 6 |
4. | Pints    | 0 | 1 | 2 |
   | Gallons  | 0 | \( m \) | \( \frac{1}{4} \) |

In 5–8, find the unit rate.

5. 121 meals
   11 days
6. 50 min
   20 calls
7. 91 books
   7 weeks
8. 1,275 ants
   5 anthills

In 9 and 10, complete each table.

9. | Stamps | 380 |   |   |   |
   | Books  | 19 | 1 | 7 | 12 |

10. | Peaches | 7 |   |   |   |
    | Pears   | 2 | 1 | 5 | 9 |

11. It took Perla 8 games to score 30 points. At that rate, how many games will it take her to score 45 points?

12. A shark can chase prey at about 30 miles per hour. What is this rate in miles per minute?
In 13–15, use the table.

13. Mr. Ernest wants to know how many miles he can travel with his motorcycle for each gallon of gas. What is the unit rate in miles per gallon?

14. **Reasoning** Ms. Ellis used 25 gallons of gas delivering flowers in her delivery van. How many miles did she drive making the deliveries? Explain.   MP.2

15. **Construct Arguments** A car has a gasoline tank that holds 18 gallons of gasoline. Can someone use this car to make a 500-mile trip on one tank of gasoline? Explain.   MP.3

16. **Higher Order Thinking** This Venn diagram shows the relationship of ratios to rates to unit rates. Describe a real-world situation involving a ratio relationship. Then write the ratio as 2 different equivalent rates and as a unit rate.

17. **Assessment Practice** A potter mixes 5 pounds of pottery plaster with 2 quarts of water. Select all the statements that are true.

- 2.5 lb plaster 1 qt water is a unit rate for the mix.
- 0.5 qt water 1 lb plaster is a unit rate for the mix.
- Using the same rate, the potter mixes 7.5 pounds of plaster with 3 quarts of water.
- Using the same rate, the potter mixes 4 pounds of plaster with 7 quarts of water.
- Using the same rate, the potter mixes 10 pounds of plaster with 4 quarts of water.