

Name \_\_\_\_\_ Date \_\_\_\_\_ Class \_\_\_\_\_

## MODULE

3

## Rational Numbers

11. Max played a video game in which he scored 1,440 points after 12 rounds. What is the average number of points he won per round?
- \_\_\_\_\_
12. Martin wants to buy 4 plastic figures that cost \$17 each. How much money does he need to save to purchase the figures?
- \_\_\_\_\_
13. What is the number  $5\frac{2}{7}$  written as an improper fraction?
- \_\_\_\_\_
14. Profits at Carla's Craft shop decreased by \$1,015 in one week. On average, by how much did profits decrease each day?
- \_\_\_\_\_
15. Simran waited  $3\frac{1}{2}$  hours for her car to get repaired. What is  $3\frac{1}{2}$  written as a decimal?
- \_\_\_\_\_
16. During a sale, all video games are \$10 off. Rebecca used a coupon to get an additional \$15 off her purchase. If the original price of a video game was \$60, how much did Rebecca pay?
- \_\_\_\_\_
17. What is the product of  $-0.2$  and  $-6.8$ ?
- \_\_\_\_\_
18. Tyra's purse weighs  $2\frac{1}{4}$  pounds. What is the weight of her purse expressed as a decimal?
- \_\_\_\_\_
19. Manny drove 45 miles in 0.75 hours. What was the average rate that he drove in miles per hour?
- \_\_\_\_\_
20. Kai went on a bike ride. Every time he stops to drink water, his bike ride takes 3 minutes longer. If he stops to drink water six times, how much longer does his bike ride take?
- \_\_\_\_\_
21. Damian's computer repair shop earned \$2,500 in income last week. Expenses were \$3,750. What was Damian's profit or loss for the week?
- \_\_\_\_\_
22. Karen bought a handbag for \$55. Agnes spent 1.5 times as much on hers. How much did Agnes spend?
- \_\_\_\_\_
23. Wally purchased a desk that was on sale for  $\frac{2}{3}$  of the original price. If the original price was \$450, what was the price that Wally paid?
- \_\_\_\_\_
24. What is the value of  $-1\frac{2}{3} \div 1\frac{7}{18}$  expressed as a mixed number?
- \_\_\_\_\_