

Rational Numbers**Vocabulary***i-1a*

Complete.

1. Any number that can be written as the ratio $\frac{a}{b}$, where a and b are integers and $b \neq 0$, is a
- _____.

Write each rational number in the form $\frac{a}{b}$.

2. $3\frac{1}{2}$

3. 0.3

4. 0.45

5. 11.2

6. $2\frac{1}{4}$

7. 3.15

8. 15

9. 27

10. $3\frac{1}{5}$

11. 0.59

12. 370

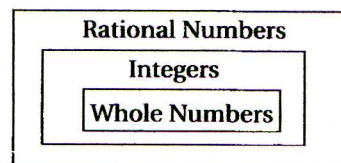
13. $4\frac{1}{7}$

Use the Venn diagram at the right to determine in which set or sets the number belongs.

14. 1.8

15. $5\frac{2}{3}$

16. 48



17. -2

18. 25

19. -7.1

20. $\frac{1}{5}$

21. 0.88

22. 0.11

23. $-1\frac{1}{8}$

24. -1

25. 92

Mixed ApplicationsFor Problems 26–27, answer *true* or *false* and give an example.

26. Every whole number is a rational number.

27. Every integer is a rational number.

28. David mowed lawns for
- $3\frac{3}{4}$
- hr. He finished at 5:00 P.M. When did he start?

29. Melissa scored 95 and 84 on her last two tests. What is the mean of her test scores?
