

Extra Practice

Set G (Lesson 9, pages 230–231)

Rewrite each as a rational number of the form $\frac{a}{b}$ and locate it on a number line. Then order the numbers in Exercises 1–8 from greatest to least.

1. -0.36

2. 54

3. -0.1

4. $7\frac{1}{2}$

5. 0.91

6. $-3\frac{2}{3}$

7. 2.7

8. -9

Compare. Write $>$, $<$, or $=$ for each \bullet . If necessary, use a number line.

9. $\frac{2}{3} \bullet \frac{3}{4}$

10. $4.5 \bullet 4\frac{1}{2}$

11. $-1 \bullet -\frac{5}{4}$

12. $0.5 \bullet \frac{1}{2}$

13. $-2.6 \bullet -\frac{5}{2}$

14. $\frac{6}{5} \bullet 1.4$

15. $-1.85 \bullet -1\frac{3}{4}$

16. $1\frac{1}{2} \bullet \frac{3}{2}$

17. $-5.25 \bullet -\frac{1}{2}$

18. $-0.5 \bullet \frac{1}{10}$

19. $2\frac{4}{5} \bullet \frac{11}{4}$

20. $0 \bullet -\frac{3}{4}$

21. $\frac{7}{10} \bullet -1.7$

22. $7.3 \bullet 6.7$

23. $-3\frac{1}{5} \bullet -\frac{11}{4}$

24. $-0.125 \bullet -\frac{1}{8}$

25. $\frac{1}{9} \bullet -\frac{2}{3}$

26. $9\frac{1}{6} \bullet 9\frac{5}{12}$

27. $+\frac{3}{11} \bullet +\frac{7}{5}$

28. $0 \bullet -0.1$

29. $-0.45 \bullet -\frac{9}{20}$

Set H (Lesson 10, pages 232–233)

Complete each equation. Tell which property you used.

1. $-\frac{2}{3} \times \blacksquare = \frac{1}{6} \times -\frac{2}{3}$

2. $\blacksquare + 9 = 0$

3. $\blacksquare \times (\frac{1}{7} \times \frac{3}{2}) = (\frac{1}{3} \times \frac{1}{7}) \times \blacksquare$

4. $3 + -\frac{3}{4} = -\frac{3}{4} + \blacksquare$

5. $\frac{1}{5} + (\frac{2}{3} + \blacksquare) = (\blacksquare + \frac{2}{3}) + \frac{7}{8}$

6. $-\frac{3}{5} + \blacksquare = 0$

7. $-15 + 15 = \blacksquare$

8. $\blacksquare + 1\frac{1}{4} = 1\frac{1}{4} + -6$

9. $(\frac{5}{4} \times \frac{1}{8}) \times \frac{2}{5} = \blacksquare \times (\blacksquare \times \frac{2}{5})$

10. $8(3 + \frac{1}{2}) = (8 \times \blacksquare) + (8 \times \frac{1}{2})$

11. $(\frac{1}{9} + \frac{2}{3}) + \blacksquare = \blacksquare + (\frac{2}{3} + \frac{2}{6})$

12. $\blacksquare(\frac{1}{4} + \frac{1}{2}) = (6 \times \frac{1}{4}) + (6 \times \frac{1}{2})$

13. $-11 + \blacksquare = 0$

14. $\frac{7}{10} \times \frac{3}{10} = \blacksquare \times \frac{7}{10}$

15. $\frac{7}{8} + (\frac{1}{5} + \frac{3}{8}) = (\blacksquare + \blacksquare) + \frac{3}{8}$

16. $3(\frac{1}{5} + \frac{1}{10}) = (\blacksquare \times \blacksquare) + (3 \times \frac{1}{10})$