

NAME \_\_\_\_\_

DATE \_\_\_\_\_

**Module 1** Getting Ready for Algebra  
**Lesson 3** Simplifying Expressions with Rational Numbers



**additional  
practice**

Simplify each expression.

1.  $\frac{1}{3} + \frac{2}{9}$   
\_\_\_\_\_

2.  $\frac{3}{5} + \frac{1}{2}$   
\_\_\_\_\_

3.  $\frac{4}{7} + \frac{2}{3}$   
\_\_\_\_\_

4.  $\frac{5}{6} + \frac{1}{4}$   
\_\_\_\_\_

5.  $\frac{7}{9} + \frac{3}{4}$   
\_\_\_\_\_

6.  $\frac{3}{4} - \frac{2}{3}$   
\_\_\_\_\_

7.  $\frac{4}{5} - \frac{1}{3}$   
\_\_\_\_\_

8.  $\frac{9}{11} - \frac{1}{2}$   
\_\_\_\_\_

9.  $\frac{2}{7} - \frac{2}{5}$   
\_\_\_\_\_

10.  $\frac{1}{3} - \frac{7}{9}$   
\_\_\_\_\_

11.  $(-\frac{3}{4})(-\frac{1}{5})$   
\_\_\_\_\_

12.  $(\frac{2}{3})(-\frac{1}{8})$   
\_\_\_\_\_

13.  $(\frac{5}{12})(\frac{4}{5})$   
\_\_\_\_\_

14.  $(-\frac{1}{2})(\frac{3}{7})$   
\_\_\_\_\_

15.  $15 \times (\frac{2}{5})$   
\_\_\_\_\_

16.  $\frac{1}{2} \div \frac{1}{8}$   
\_\_\_\_\_

17.  $\frac{3}{4} \div \frac{3}{16}$   
\_\_\_\_\_

18.  $-\frac{5}{12} \div -\frac{1}{4}$   
\_\_\_\_\_

19.  $-\frac{2}{3} \div 1$   
\_\_\_\_\_

20.  $7 \div -\frac{2}{3}$   
\_\_\_\_\_

21.  $3.1 + 0.24$   
\_\_\_\_\_

22.  $9.99 + 1.16$   
\_\_\_\_\_

23.  $-7.3 + 2.5$   
\_\_\_\_\_

24.  $1.01 + (-2.5)$   
\_\_\_\_\_

25.  $-0.2 + (-1.8)$   
\_\_\_\_\_

26.  $19.99 - 3.23$   
\_\_\_\_\_

27.  $-5.7 - (-4.22)$   
\_\_\_\_\_

28.  $12 - (-3.5)$   
\_\_\_\_\_

29.  $0.2 - 2$   
\_\_\_\_\_

30.  $1.11 - (-2.4)$   
\_\_\_\_\_

31.  $(3.5)(0.1)$   
\_\_\_\_\_

32.  $(-7.2)(-8.1)$   
\_\_\_\_\_

33.  $(4.01)(-2)$   
\_\_\_\_\_

34.  $(0.09)(6)$   
\_\_\_\_\_

35.  $(-7.43)(0.03)$   
\_\_\_\_\_

36.  $3\sqrt{9.27}$   
\_\_\_\_\_

37.  $0.5\sqrt{1.17}$   
\_\_\_\_\_

38.  $15.75 \div 1.5$   
\_\_\_\_\_

39.  $-4.64 \div 16$   
\_\_\_\_\_

40.  $-1.11 \div -0.1$   
\_\_\_\_\_

