

**EXTRA PRACTICE 4**  
**Multiplication and Division of Real Numbers**  
Use after Sections 1.5 and 1.6

Name \_\_\_\_\_

Examples: Multiply.

a)  $5 \cdot 6 = 30$

$-5 \cdot 6 = -30$

b)  $5 \cdot (-6) = -30$

$-5 \cdot (-6) = 30$

c)  $-\frac{5}{8} \cdot \left(\frac{2}{3}\right) = -\frac{10}{24} = -\frac{5}{12}$   
 $(-35) \cdot (-7.9) = 2765$

Multiply.

1.  $-7 \cdot 3 =$  \_\_\_\_\_

3.  $-11 \cdot 4 =$  \_\_\_\_\_

5.  $16 \cdot (-4) =$  \_\_\_\_\_

7.  $-21 \cdot 5 =$  \_\_\_\_\_

9.  $-6 \cdot 5 =$  \_\_\_\_\_

11.  $-8 \cdot (-13) =$  \_\_\_\_\_

13.  $-19 \cdot 5 =$  \_\_\_\_\_

15.  $16 \cdot (-9) =$  \_\_\_\_\_

17.  $4 \cdot (-12) =$  \_\_\_\_\_

19.  $-3 \cdot (-27) =$  \_\_\_\_\_

21.  $-19 \cdot (-3) =$  \_\_\_\_\_

23.  $17 \cdot (-5) =$  \_\_\_\_\_

25.  $\frac{2}{3} \cdot \left(-\frac{6}{7}\right) =$  \_\_\_\_\_

27.  $-\frac{4}{5} \cdot \left(-\frac{15}{16}\right) =$  \_\_\_\_\_

29.  $-\frac{16}{3} \cdot \frac{9}{8} =$  \_\_\_\_\_

31.  $(08) \cdot (-0.9) =$  \_\_\_\_\_

33.  $-9 \cdot (-7.3) =$  \_\_\_\_\_

35.  $-3.7 \times 6.6 =$  \_\_\_\_\_

2.  $9 \cdot (-8) =$  \_\_\_\_\_

4.  $-7 \cdot (-4) =$  \_\_\_\_\_

6.  $-13 \cdot (-11) =$  \_\_\_\_\_

8.  $10 \cdot (-2) =$  \_\_\_\_\_

10.  $20 \cdot (-9) =$  \_\_\_\_\_

12.  $-3 \cdot (-11) =$  \_\_\_\_\_

14.  $-15 \cdot 12 =$  \_\_\_\_\_

16.  $-7 \cdot (-15) =$  \_\_\_\_\_

18.  $-9 \cdot 12 =$  \_\_\_\_\_

20.  $15 \cdot (-8) =$  \_\_\_\_\_

22.  $-15 \cdot (-9) =$  \_\_\_\_\_

24.  $-24 \cdot 7 =$  \_\_\_\_\_

26.  $-\frac{5}{8} \cdot \frac{10}{9} =$  \_\_\_\_\_

28.  $\frac{7}{10} \cdot \left(-\frac{5}{14}\right) =$  \_\_\_\_\_

30.  $-\frac{3}{4} \cdot \left(-\frac{16}{27}\right) =$  \_\_\_\_\_

32.  $-4.5 \times 6.8 =$  \_\_\_\_\_

34.  $(15) \cdot (-58) =$  \_\_\_\_\_

36.  $(-8.3) \cdot (-4.6) =$  \_\_\_\_\_

**EXTRA PRACTICE 4 (continued)**  
**Multiplication and Division of Real Numbers**  
**Use after Sections 1.5 and 1.6**

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Examples: Divide.

a)  $15 \div 3 = 5$                       b)  $15 \div (-3) = -5$                       c)  $-\frac{7}{8} \div \left(-\frac{3}{2}\right) = -\frac{7}{8} \cdot \left(-\frac{2}{3}\right) = \frac{14}{24} = \frac{7}{12}$   
 $-15 \div 3 = -5$                        $-15 \div (-3) = 5$                        $-8.4 \div 2.1 = -4$

Divide.

- |  |  |
|--|--|
| 37. $75 \div 5 =$ _____                                    | 38. $-78 \div 3 =$ _____                                   |
| 39. $413 \div (-7) =$ _____                                | 40. $-300 \div (-12) =$ _____                              |
| 41. $-126 \div 21 =$ _____                                 | 42. $-595 \div (-5) =$ _____                               |
| 43. $270 \div (-15) =$ _____                               | 44. $-156 \div 26 =$ _____                                 |
| 45. $275 \div (-11) =$ _____                               | 46. $-270 \div (-30) =$ _____                              |
| 47. $-95 \div 19 =$ _____                                  | 48. $-168 \div (-14) =$ _____                              |
| 49. $-576 \div 32 =$ _____                                 | 50. $39 \div 13 =$ _____                                   |
| 51. $-198 \div (-18) =$ _____                              | 52. $320 \div (-16) =$ _____                               |
| 53. $-384 \div 24 =$ _____                                 | 54. $-152 \div 19 =$ _____                                 |
| 55. $-336 \div (-21) =$ _____                              | 56. $-195 \div 13 =$ _____                                 |
| 57. $-288 \div (-9) =$ _____                               | 58. $-160 \div (-32) =$ _____                              |
| 59. $-135 \div 15 =$ _____                                 | 60. $-153 \div (-51) =$ _____                              |
| 61. $\frac{3}{4} \div \left(-\frac{5}{2}\right) =$ _____   | 62. $-\frac{5}{8} \div \frac{9}{16} =$ _____               |
| 63. $-\frac{8}{9} \div \left(-\frac{2}{27}\right) =$ _____ | 64. $\frac{5}{7} \div \left(-\frac{10}{21}\right) =$ _____ |
| 65. $-\frac{5}{4} \div \frac{5}{4} =$ _____                | 66. $-\frac{2}{3} \div \left(-\frac{8}{9}\right) =$ _____  |
| 67. $155 \div 31 =$ _____                                  | 68. $-9.9 \div 33 =$ _____                                 |
| 69. $-215 \div (-4.3) =$ _____                             | 70. $14.4 \div (-12) =$ _____                              |
| 71. $-5234 \div (05) =$ _____                              | 72. $-3484 \div 6.7 =$ _____                               |