

**EXTRA PRACTICE 2**  
**Multiplication And Division Of Real Numbers**  
**Use after Section 1.7**

Name \_\_\_\_\_

Examples: Multiply.

a)  $5 \cdot 6 = 30$

$-5 \cdot 6 = -30$

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

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

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

$(-3.5) \cdot (-7.9) = 27.65$

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.  $(0.8) \cdot (-0.9) =$  \_\_\_\_\_

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.  $(15) \cdot (-5.8) =$  \_\_\_\_\_

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

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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.  $15.5 \div 3.1 =$  \_\_\_\_\_  
68.  $-9.9 \div 3.3 =$  \_\_\_\_\_  
69.  $-21.5 \div (-4.3) =$  \_\_\_\_\_  
70.  $14.4 \div (-1.2) =$  \_\_\_\_\_  
71.  $-5.234 \div (0.5) =$  \_\_\_\_\_  
72.  $-34.84 \div 6.7 =$  \_\_\_\_\_