

$$1. \frac{(0)(-3)}{0}$$

$$3. \frac{(-6)(1)(-4)(-2)}{(-6 \cdot -4)(1)(-2)} \\ \frac{(24)(-2)}{-48}$$

$$5. \frac{-30}{10} \\ \frac{30}{10} = \frac{3(10)}{10} = 3$$

$$7. \frac{0}{1}$$

Zero divided by any number  
( except zero ) is zero.

0

$$9. \frac{-50}{0}$$

Any number divided by zero is  
undefined.

$$11. \frac{-16}{16} \\ -1$$

$$13.$$

$$\frac{36}{9} = \frac{(4)(9)}{9} = 4$$

$$15.$$

$$\frac{-3}{8} \cdot \frac{-4}{9}$$

$$\frac{-1}{2} \cdot \frac{-1}{3}$$

$$\frac{1}{6}$$

$$17. \frac{(-2)(-3)(-1)(1)}{(-2 \cdot -3)(-1)(1)} \\ \frac{(6)(-1)(1)}{-6}$$

$$19.$$

$$-\frac{36}{9} = \frac{-(4)(9)}{9} = -4$$

$$21.$$

$$-\frac{35}{-35}$$

$$-(-1)$$

$$1$$

23.

$$\frac{-1}{0}$$

Any number divided by zero is  
**undefined.**

25.

$$\frac{30}{-1}$$

**-30**

27.

$$-\frac{1}{1}$$

**-1**

29.

$$\frac{-1}{-1}$$

$$\frac{1}{1}$$

**1**

31.

$$\frac{41}{1}$$

**41**

33.

$$\frac{0}{1}$$

Zero divided by any number  
(except zero) is zero.

**0**

35.

$$\frac{-43}{1}$$

**-43**37.  $-3 \cdot (0)$ 

Anything times zero is **zero.**

39.  $-2(2)(-4)$ 

$$(-2 \cdot 2)(-4)$$

$$(-4)(-4)$$

**16**41.  $-6 \div -2$ 

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

$$\frac{6}{2}$$

**3**

43.  $-144 \div 12$

$$-144 \cdot \frac{1}{12}$$

$$\frac{-144}{12}$$

$$-12$$

49.  $-204 \div -2$

$$-204 \cdot \frac{1}{-2}$$

$$\frac{-204}{-2}$$

$$\frac{204}{2}$$

$$102$$

45.  $-24 \div (-4)$

$$-24 \cdot \frac{1}{-4}$$

$$\frac{-24}{-4}$$

$$\frac{24}{4} = 6$$

51.

$$- \frac{-1}{-1}$$

$$- \frac{1}{1}$$

$$-1$$

47.  $-132 \div -11$

$$-132 \cdot \frac{1}{-11}$$

$$\frac{132}{11}$$

$$12$$

53.

$$\frac{0}{0}$$

Any number divided by zero is **undefined**.

55.

$$\frac{-2}{3} \cdot \frac{-27}{8}$$

$$\frac{-1}{1} \cdot \frac{-9}{4}$$

$$\frac{-1(-9)}{1(4)}$$

$$\frac{9}{4}$$

57.

$$\frac{-6}{-15} \cdot \frac{-20}{9}$$

$$\frac{6}{15} \cdot \frac{-20}{9}$$

$$\frac{2}{3} \cdot \frac{-4}{3}$$

$$\frac{2 \cdot -4}{3 \cdot 3}$$

$$\frac{-8}{9}$$

59.

$$\frac{6}{8} \cdot \frac{-2}{12}$$

$$\frac{3}{4} \cdot \frac{-1}{6}$$

$$\frac{1}{4} \cdot \frac{-1}{2}$$

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

61.

$$\frac{90}{-1} \div -2$$

$$-90 \cdot \frac{1}{-2}$$

$$\frac{-90}{-2}$$

$$\frac{90}{2}$$

45

63.

$$20 \div \frac{1}{2}$$

$$20 \cdot 2$$

40

65.  $-1 \div -1$

$$\frac{-1}{-1}$$

1

67.  $45 - 10 - 10 - 10 - 10$

$$45 - 40$$

5

The temperature on Saturday after the drop is:  $5^{\circ} \text{F}$

69.  $-15 + 12 + 12 + 12$

$$-15 + 36$$

21

The temperature on Friday after the increase is:  $21^{\circ} \text{F}$

71.  $-22 + 5 + 5 + 5 + 5$

$$-22 + 20$$

-2

The temperature on Saturday after the increase is:  $-2^{\circ} \text{F}$

73. Find the product of -6 and 2.

$$-6 \cdot 2$$

-12

75. Find the product of -2 and -5.

$$-2 \cdot -5$$

10

77. Find the quotient of -14 and -2.

$$\frac{-14}{-2}$$

$$\frac{14}{2}$$

7

79. Find the quotient of -36 and -12.

$$\frac{-36}{-12}$$

$$\frac{36}{12}$$

3

81. Find seven divided by zero.

$$\frac{7}{0}$$

Any number divided by zero is  
**undefined.**

83. Find two divided by zero.

$$\frac{2}{0}$$

Any number divided by zero is  
**undefined.**