

$$-2^6 = -64$$

69. $(-7)^2$ and 7^2
base is -7 base is 7
 $(-7)(-7) = 49$ $-7 \cdot 7 = -49$

72. $(-11)^2$ and -11^2
 $(-11)(-11) = 121$ $-11 \cdot 11 = -121$

Section 2.5 Dividing Integers

$$10 \cdot (-2) = -20 \qquad -20 \div 10 = -2$$

+	÷	+	=	+
+	÷	-	=	-
-	÷	+	=	-
-	÷	-	=	+

14. $\frac{-10}{5} = -2$
 $-10 \div 5 = -2$

20. $42 \div (-6) = -7$

42. $-80 \div (-4) = 20$

56. Find the quotient of -36 and -4

$$-36 \div -4 = 9$$

Zero

0 cookies \div 3 people

$$\frac{K}{0} = \text{OK} \quad \frac{0}{3} = 0 \quad \text{or} \quad 0 \div 3 = 0 \quad 3 \overline{)0}$$

3 cookies \div 0 people

$$\frac{K}{0} = \text{"KO"}$$

knockout

$$\frac{3}{0} \text{ undefined}$$
$$0 \overline{)3} \text{ undefined}$$

$$70. \quad \frac{-12}{-1} = 12$$

$$60. \quad \frac{-8}{0} = \text{undefined}$$