Name: _____ Date: _____

BLM 10–5

Section 10.1 Extra Practice

1. Solve by inspection.

a) $7n = -28$

b) $10 = \frac{r}{-2}$

c) $\frac{y}{6} = 9$

d) $15 = -5c$

2. Draw a diagram to model each equation. Then, solve.

a) $2x = 6$

b) $\frac{x}{-4} = -2$

c) $\frac{x}{3} = -4$

d) $-5x = -5$

3. Use the opposite operation to solve each equation. Check your answer.

a) $64 = 8d$

b) $-44 = \frac{p}{-4}$

c) $\frac{e}{7} = -16$

d) $-6y = -72$

4. Show whether $x = -15$ is the solution to each equation.

a) $7x = -105$

b) $1 = \frac{x}{-15}$

c) $\frac{x}{-3} = -5$

d) $-90 = -6x$

5. The length of a skateboard is about 4 times its width. The length of Mika's skateboard is 79 cm.

a) Write an equation to model this situation. _____

b) What is the width of Mika's skateboard? Check your answer.