B2 Worksheet#1 (section 10.1)

1. Solve and check:

    a) $7n = -28$ **b)** $10 = \dfrac{r}{-2}$

    c) $\dfrac{y}{6} = 9$ **d)** $15 = -5c$

2. Solve and check:

    a) $2x = 6$ **b)** $\dfrac{x}{-4} = -2$

    c) $\dfrac{x}{3} = -4$ **d)** $-5x = -5$

3. Solve and check:

    a) $64 = 8d$ **b)** $-44 = \dfrac{p}{-4}$

    c) $\dfrac{e}{7} = -16$ **d)** $-6y = -72$

Name: _____   Date: _____

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

   a) $7x = -105$ **b)** $1 = \dfrac{x}{-15}$

   c) $\dfrac{x}{-3} = -5$ **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.