

Name Key
Mrs. Roubos

Date _____
8R Period _____

Do Now

Mary made an error when solving the equation below:

$$\begin{array}{r} 8m - 20 = 36 \\ + 20 \end{array}$$

$$\frac{8m}{8} = \frac{36}{8}$$

$$m = 4.5$$

A) Identify Marcy's error

She added 20 to the left side, but not the right
She didn't apply the addition property of Equality

B) Correctly solve $8m - 20 = 36$ for m .

$$\begin{array}{r} +20 +20 \\ 8m = 56 \\ \frac{8m}{8} = \frac{56}{8} \\ \boxed{m = 7} \end{array}$$