Topic: Solving One-Step Equations w/ Inverse Operations **Date:**_____

Text Chapter/Section:_____

Warm-up:

Choose students to debrief on white board or overheads to share with the class.

Review Homework Notes:

Lesson continued:

Ex 4)

$y =$

$y = \frac{}{4}$

$y = \frac{\cancel{4} \cdot \cancel{4}}{\cancel{4}}$

$y =$

"Can we use the inverse operation of multiplication to undo being multiplied by four?"
[yes]
"How?"
[Divide 4 by 4.]
"Do we need to divide the

You-try: (Think/Pair/Share)

4)

$5 = 20$

$\frac{5}{5} = \frac{20}{5}$

$= \frac{2 \cdot 2 \cdot \cancel{5}}{\cancel{5}}$

$= 4$

Ex 5)

$\div \quad =$

$\frac{}{} =$

$\frac{\cancel{4}}{\cancel{4}} \cdot \frac{}{} = \frac{}{} \cdot \frac{}{}$

$\frac{}{} = \frac{\cdot}{}$

$=$

You-try: (Think/Pair/Share)

5)

$\div 4 = 7$

$\frac{}{4} = 7$

$\frac{}{\cancel{4}} \cdot \frac{\cancel{4}}{1} = 7 \cdot \frac{4}{1}$

$\frac{}{1} = \frac{7 \cdot 4}{1}$

$= 28$

Additional Practice Problems:

1) 2) 3) 4)

5) 6) 7) 8)

Homework: