

HW Assessment
9/9

$$7. \quad -9 + \frac{n}{4} = -7$$

Ch 1 Test topics

Simplifying

PEMDAS

Solving Eq

- 1) simplify each side
- 2) undo things to move them around.
* multiply by denominator
- 3) if var disappears
 $\# = \#$

No Solution: false
 $\# \neq \#$

All Real #'s: true
 $\# = \#$

$$3\left(\frac{1}{3}(s-2)\right) = (s+4)3$$

we don't distribute we do distribute

$$3 \cdot \frac{1}{3} \cdot 7$$

$$\begin{array}{r} s-2 = 3s+12 \\ -s-2 \quad -s-12 \end{array}$$

$$\frac{-14}{2} = 2s$$

$$\boxed{s = -7}$$

$$\begin{array}{r} s-2 = 3s+12 \\ +2 \quad +2 \end{array}$$

$$\begin{array}{r} s = 3s + 14 \\ -3s \quad -3s \end{array}$$

$$\frac{-2s}{-2} = 14$$

$$\boxed{s = -7}$$

$$x + 4 = 12$$

$$x + \cancel{4} - 4 = 12 - 4$$

$$x = 8$$

Homework
p. 56 5, 7-14
p. 57 # 1-3, 8-15