

## FER #1 Skills (1-8)

Date \_\_\_\_\_

**Skill#1--Solving ONE Step equations.**

1)  $6 = 5 + m$

2)  $\frac{x}{13} = 7$

**Skill #2--Solving MULTI Step Equations**

3)  $24 = 6k + 6k$

4)  $1 - x - 2x = 13$

**Skill #3--Solving Equations with PARENTHESES.**

5)  $123 = 3(1 - 8x)$

6)  $5(-8 + 5x) + 5x = -280$

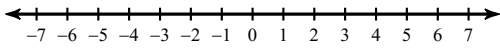
**Skill #4--Solving Equations from Scenarios.**

7) Adam bought a magazine for \$7 and seven notepads. He spent a total of \$35. How much did each notepad cost?

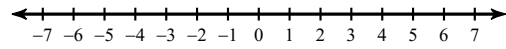
8) Paul won 37 super bouncy balls playing basketball at the county fair. At school he gave two to every student in his math class. He only has 7 remaining. How many students are in his class?

**Skill #5--Graphing Inequalities**

9)  $x > 1$

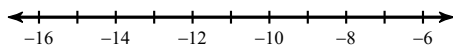


10)  $r > -3$

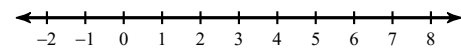


**Skill #6--Solving ONE Step Inequalities.**

11)  $-18 \leq a - 9$

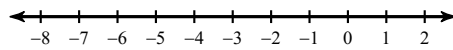


12)  $-9 < -3n$

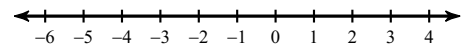


**Skill #7--Solving TWO Step Inequalities.**

13)  $3 > k + 3 + 3k$



14)  $-17 \leq 1 + v + 5v$



**Skill#8--Solving One-Step Absolute Value Equations**

15)  $|8x| = 80$

16)  $\left| \frac{n}{9} \right| = 2$