

Climb the Ladder R-2: Show your work!

Date _____ Period _____

Solve each equation.

1) $n + 7 = -5$

2) $x - 7 = -11$

3) $-12m = -108$

4) $88 = -11n$

5) $\frac{v}{9} = 6$

6) $-\frac{9}{8} = \frac{k}{16}$

Rung #2: Show your work!
Solve each equation.

Name: _____

7) $-62 = -6 + 8n$

8) $9(7 + k) = -81$

9) $-88 = -4(n + 2)$

10) $-48 = -4(k + 7)$

Rung #3: Show your work!
Solve each equation.

Name: _____

$$11) \frac{x}{9} + 3 = 2$$

$$12) \frac{k-10}{10} = -2$$

$$13) \frac{6+m}{2} = -6$$

$$14) -3 = \frac{v}{7} - 1$$

$$15) \frac{25}{6} = -2v - \frac{1}{2}v$$

$$16) \frac{5}{6} = k + \frac{2}{3}k$$

Rung #4: Show your work!
Solve each equation.

Name: _____

$$17) -\frac{10}{3}v - 2 + \frac{1}{3} = \frac{85}{9}$$

$$18) \frac{20}{3} = \frac{1}{2}x + \frac{23}{4} + \frac{3}{4}$$

$$19) -6(6x + 4) = 7 - 4(1 + 9x)$$

$$20) -5(k - 3) = -3(1 + 2k) + 8$$