

Name: _____

Practice: Solving Equations

Directions: Solve each equation. You must show your work!

1) $8x - 4 = 20$

2) $5 + 3x = 18$

3) $8 = 38 - 5x$

4) $\frac{1}{3}x - 6 = 9$

5) Check your answers for #3 and #4.

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6) $\frac{3}{8}a = 12$

7) $-\frac{6}{5}a - 4 = 2$

8) $1\frac{2}{3}a = \frac{9}{2}$

9) Check one of your answers from #6 – 8.

10) $14n + 3 = 9n + 78$

11) $-6n + 13 = 2n - 11$

12) $2.5n - 15 = 4n$

13) $3n - 4 + n = 22$

14) $19 = -3 + 7p + 1 - 4p$

15) $3p - 5 = 8p + 45$

16) $1 - 2p = -5p + 25$

17) $-9p + p + 6 = -3$

18) $\frac{9g+30}{3} = 5g$

19) $\frac{3}{5}g - 5 = \frac{1}{5}g + 15$

20) $3g - 5 + 10g + 11 - 9g = 17 + g - 23$

21) Check your answer for three of the problems from 10-20.

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