

Algebra 1 Chapter 3 Pre-Test

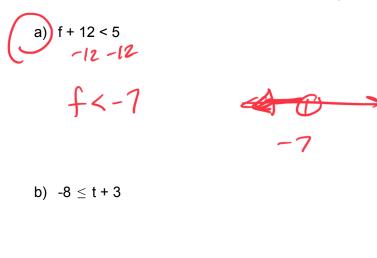
1.) (5 pts each, 10 pts total) (3-1) Graph each of the following inequalities.

a) $x \leq -4$



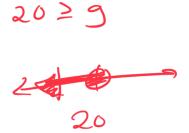
b) 9 > y

2.) (5 pts each, 15 pts total) (3-2) Solve each inequality. Graph and check the solution.

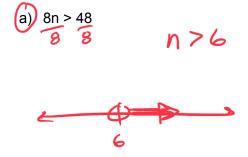


$$(c) 7 \ge g - 13$$

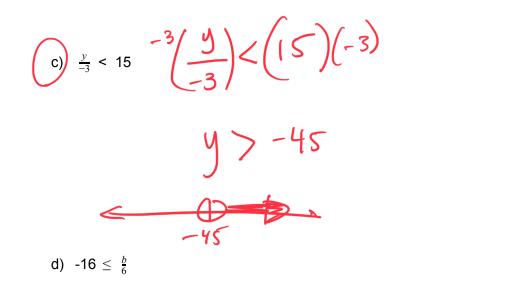
$$+ 13 + 13$$



3.) (5 pts each, 20 pts total) (3-3) Solve each inequality. Graph and check the solution.

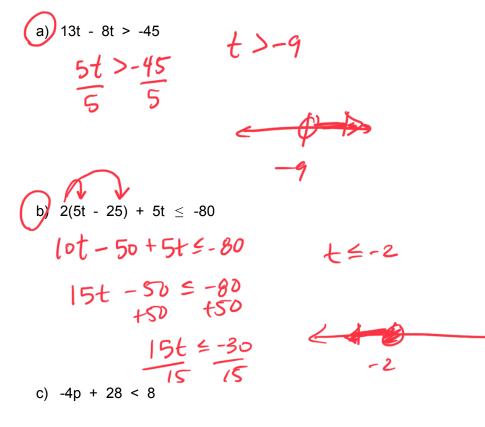


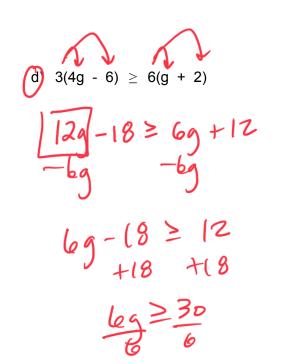
b) $98 \ge -14d$



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4.) (5 pts each, 20 pts total) (3-4) Solve each inequality. Graph and check the solution.







5.) (5 pts each, 20 pts total) (3-5) Solve each inequality. Graph and check the solution.

(b)
$$7 + 2a > 9 \text{ or } -4a > 8$$

 $7 - 7 - 4 - 4$
 $2x > 2$
 $a > 2$
 $a > 1$
(c) $-1 < h - 2 \le 5$
 $+2 + 2 + 2$
 $1 < h \le 7$
 $x = 1$
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d) t + 5 < 2 or 3t + 1 \geq 10

6.) (5 pts each, 10 pts total) (3-6) Solve each inequality. Graph and check the solution.

a)
$$|j| - 2 \ge 6$$

7.) (5 pts each) (3-6) Solve the equation.

