

Warm-UP

$x + 5.1 < 11$



1) $\frac{1}{2}(2x + 10) = \frac{2}{3}(12x - 6)$

$x = \frac{9}{7}$

2) $-2.5v + 4.7 \geq -3.8v + 1.58$

$v \geq -2.4$

3) $-2x < 26$

$x > -13$

Mar 23-12:20 PM

Warm-UP

$x + 5.1 < 11$



1) $\frac{1}{2}(\frac{2x}{1} + \frac{10}{1}) = \frac{2}{3}(\frac{12x}{1} - \frac{6}{1})$

$\frac{2x}{2} + \frac{10}{2} = \frac{24x}{3} - \frac{12}{3}$

Check to see if it simplifies

$x + 5 = 8x - 4$

Rearrange and solve

$x + 5 = 8x - 4$

$5 = 7x - 4$

$9 = 7x$

$\frac{9}{7} = x$

Mar 23-12:20 PM

$$1) \frac{1}{2} \left(\frac{2x}{1} + \frac{10}{1} \right) = \frac{2}{3} \left(\frac{12x}{1} - \frac{6}{1} \right)$$

$$\frac{2x}{2} + \frac{10}{2} = \frac{24x}{3} - \frac{12}{3}$$

$$\cancel{6x} + 30 = \cancel{48x} - 24$$

$$30 = \boxed{42x} - \cancel{24} + \cancel{24}$$

$$\frac{54}{42} = \frac{\cancel{42}x}{\cancel{42}}$$

$$\frac{9}{7} = x$$

Mar 3-10:00 AM

Solve and graph the following:

(Show all work)

$$\boxed{-2.5v} + 4.7 \geq \boxed{-3.8v} + 1.58$$

$$\overset{+3.8v}{-2.5v} + 4.7 \geq \overset{+3.8v}{-3.8v} + 1.58$$

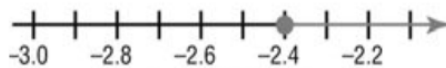
$$\boxed{1.3v} + 4.7 \geq 1.58$$

$$1.3v + \overset{+4.7}{4.7} \geq \overset{+4.7}{1.58}$$

$$1.3v \geq -3.12$$

$$\frac{1.3v}{1.3} \geq \frac{-3.12}{1.3}$$

$$v \geq -2.4$$



Feb 24-9:40 AM

$$3) \frac{-2x}{-2} < \frac{26}{-2}$$

$$x > -13$$

Feb 24-10:33 AM



Class/Homework



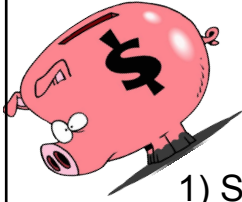
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Don't need to graph or verify

* Questions 7, 8, 9, 10, 11, 12

* Test on Tuesday March 14

Feb 21-10:46 PM



Word Problems



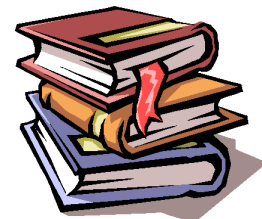
1) Sam is trying to save enough money to buy a new pair of sneakers that cost \$164. He has some money in his piggy bank but this week he put in \$13 and he still did not have enough. Represent the scenario with an inequality. (Hint he needs at least \$164 to buy the sneakers)

Mar 23-12:36 PM

Test on Unit 6

14 Multiple Choice

Long Response



1) Find the mistake then redo the question

2) Solve the equations

5 questions very similar to warm up quizzes and worksheet questions

3) Word problem

Mar 23-1:02 PM

2) Student council is hosting a Hawaiian dance and spent \$125 for decorations and food. They hope to make a profit of \$500. The cost of the tickets are \$5 per student. Write a scenario for the situation and solve.



Mar 23-12:45 PM



Test Review Questions

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Page 310(Practice test)

#3 #10
 #4 #15
 #7 #16
 #9

#2
 #3
 #4
 #5
 #6

Test on Tuesday March 14

As well you have a Worksheet

Mar 23-6:15 PM