Warm-UP

Test Tomorrow

1) $6y - 5 = 19.5$

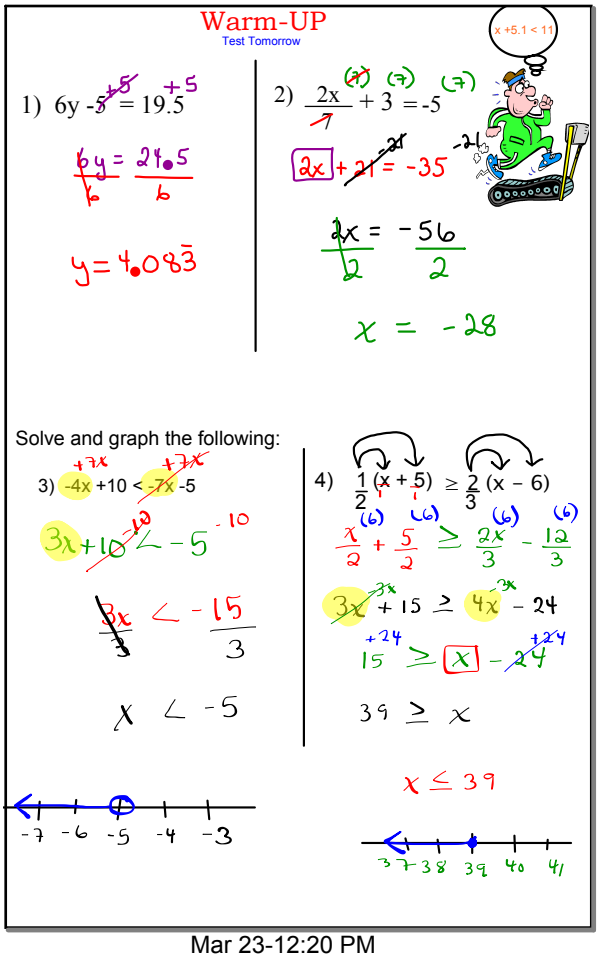
2) $\frac{2x}{7} + 3 = -5$

Solve and graph the following:

3) $-4x + 10 < -7x - 5$

4) $\frac{1}{2}(x + 5) \geq \frac{2}{3}(x - 6)$

Mar 23-12:20 PM



Mar 23-12:20 PM

Warm-UP

Test Coming up Tomorrow

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

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

$x + 5 = 8x - 4$

$5 + 4 = 7x - 4 + 4$

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

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

Solve and graph the following:

(Show all work)

$v \geq -2.4$

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

$+3.8v \quad +3.8v$

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

$1.3v + 4.7 \geq 1.58$

$-4.7 \quad -4.7$

$1.3v + 4.7 \geq 1.58$

$1.3v \geq -3.12$

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

$v \geq -2.4$

Mar 23-12:20 PM

Warm-UP

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

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

3) $-2x < 26$

Mar 23-12:20 PM

Solve and graph the following:

(Show all work)

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

$+3.8v \quad +3.8v$

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

$1.3v + 4.7 \geq 1.58$

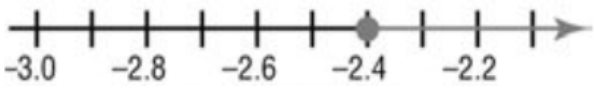
$-4.7 \quad -4.7$

$1.3v + 4.7 \geq 1.58$

$1.3v \geq -3.12$

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

$v \geq -2.4$



Feb 24-9:40 AM

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.

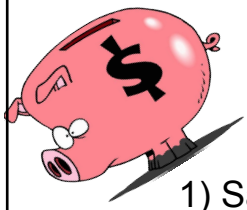
$5p - 125 \geq 500$

$5p \geq 500 + 125$

$\frac{5p}{5} \geq \frac{625}{5}$

$p \geq 125$

Mar 23-12:45 PM



Word Problems

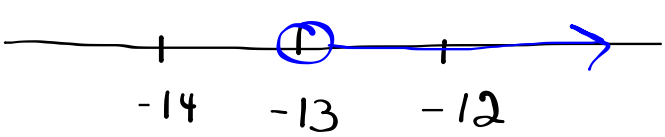
1) Sam is trying to save enough money to buy a new pair of sneakers that cost $164. He has some money in his piggy bank but this week he put in $13 and he still did not have enough. Represent the scenario with an inequality. (Hint he needs at least $164 to buy the sneakers)

Mar 23-12:36 PM

3) $-2x < 26$

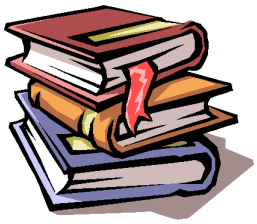
$-2 \quad -2$

$x > -13$

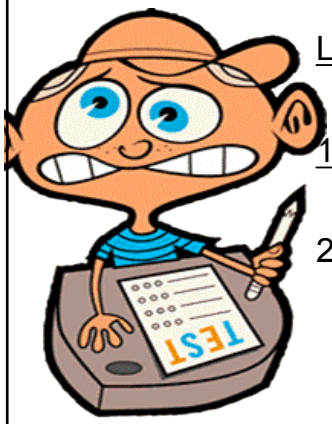


Feb 24-10:33 AM

Test on Unit 6



14 Multiple Choice (14pts) + 1 bonus



Long Response

1) Find the mistake then redo the question (5 pts)

2) Solve the equations (25pts)
6 questions very similar to warm up quizzes and worksheet questions

3) Word problem involving Expressions (5 pts)

Mar 23-1:02 PM

Solving Equations (6.1-6.2)

1) $x = 4$

2) $n = -6$

3) $m = -1$

4) $r = 1$

5) $x = 0$

6) $n = 8$

7) $b = 2$

8) $v = 8$

9) $x = -13$

10) $x = \frac{16}{3}$

11) $x = -\frac{51}{2}$

12) $k = -4$

13) $h = 7$

Mar 15-9:17 AM

Worksheet(6.3-6.5)

1) $y \leq -8$

2) $c \geq -13$

3) $c > -12$

4) $k < -7$

5) $k \geq 3$

6) $a \geq 8$

7) $a < -5$

8) $k > 4$

9) $x \leq 6$

10) $c < 3$

word problems

1) $m \geq 87$

2) $c > 20$

Mar 13-7:54 AM

Unit 6-Equations & inequalities Test Review (Day 2)

1) $x = 3$

2) $x = -\frac{4}{5}$

3) $x = -9$

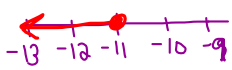
4) $x = -4.\overline{09}$

5) $x = \frac{21}{8}$

6) $x = 3$

Part 2 Solve and graph each inequality

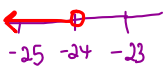
1) $x \leq -11$



2) $x < 3$

3) $x \geq 1$

4) $c < -24$



Mar 13-7:58 AM

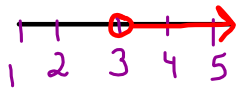
Part 3) Write the equation that describes the situation and then solve

1) $p > 12$ 2) $c \leq 29$ 3) $m \geq 17250$ 4) $m \geq 60$

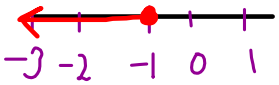
Solve each equation/inequality

1) $b = -1$ 2) $n = -4$

3) $x > 3$



4) $v \leq -1$



Mar 13-8:08 AM

Test Review Questions

Test review Worksheet

-Front and Back

Suggested Textbook Questions

Page 308 - 309		Page 310(Practice test)
#3	#10	#2
#4	#15	#3
#7	#16	#4
#9		#5
		#6

Mar 23-6:15 PM

$$\frac{2}{5}x + \frac{1}{5} \leq 4x + \frac{2}{5}$$

Mar 15-8:43 AM

$$\frac{1}{2}(6x+9) \leq \frac{2}{3}(4x+7)$$

$$1(6x+9) \leq 2(4x+7)$$

Mar 15-8:45 AM

$2r + 3r + 7 \leq 5r - 2r + 8$

$5r + 7 \leq 3r + 8$

Mar 15-8:46 AM

Mar 15-8:18 AM