

Warm up

Feb 26

solve

$$1. \quad 4y - 10 = 3y$$

$$\begin{array}{r} -3y \\ 4y - 10 = 3y \\ y - 10 = 0 \\ y = 10 \end{array}$$

$$7. \quad 7m + 15 = 3m + 3$$

$$\begin{array}{r} -3m \\ 7m + 15 = 3m + 3 \\ 4m + 15 = 3 \\ 4m = -12 \\ \frac{4m}{4} = \frac{-12}{4} \\ m = -3 \end{array}$$

solve and verify.

18. $4(y+8) = 7(y+2)$

$$\begin{array}{r} -32 \\ 4y + 32 = 7y + 14 \\ -7y \\ 4y = 7y - 18 \end{array}$$

$$\begin{array}{r} -3y = -18 \\ \frac{-3y}{-3} = \frac{-18}{-3} \end{array}$$

$$y = 6$$

LS	RS
$4(y+8)$	$7(y+2)$
$4(6+8)$	$7(6+2)$
$4(14)$	$7(8)$
56	56
LS=RS: $y=6$	

solve and graph

17. $9 + 6a - 14 \geq 8 - a - 6 + 4a$

$$\begin{array}{r} +5 \\ -5 + 6a \geq 2 + 3a \\ -3a \\ 6a \geq 7 + 3a \end{array}$$

$$\begin{array}{r} 3a \geq 7 \\ \frac{3a}{3} \geq \frac{7}{3} \end{array}$$

$$a \geq \frac{7}{3} \quad 2\bar{3}$$



Problems with the homework?

Page 305: #3, #6 to 8, 9a,c,e 10 -12**Page 306: #16 to #18****Page 309: #16**

TEST PREPARATION (Thursday, Feb. 28):

MMS9:

Page 307: Study Guide

Pages 308/9: Review Questions (I especially "like" #4, #7, #8, #11, #12, #15 and #16)

Page 310: Practice Test (I especially "like" #2 to #5)

Worksheet