

Get ready for a quiz...

February 6

## Quiz

Name \_\_\_\_\_

Solve and verify.

1.  $2m + 8 = 11$

$$2m + \cancel{8} - 8 = 11 - 8$$

$$\frac{2m}{2} = \frac{3}{2}$$

$$m = \frac{3}{2}$$

2.  $5(x - 7) = -15$

$$5x - 35 = -15$$

$$5x - 35 + 35 = -15 + 35$$

$$\frac{5x}{5} = \frac{20}{5}$$

$$x = 4$$

LS	RS
$2m + 8$	$11$
$2\left(\frac{3}{2}\right) + 8$	
$3 + 8$	
$11$	
$LS = RS \therefore m = \frac{3}{2}$	

LS	RS
$5(x - 7)$	$-15$
$5(4 - 7)$	
$5(-3)$	
$-15$	
$LS = RS \therefore x = 4$	

# Class/Homework

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# 8

#10(acf)

#11(a,c,e,f)

#12

#13

#15(a,b)

#17(abcd)

#21 (a,d)

#22

#19

$$8.a) 2.4 = \frac{4.8}{s}$$

$$s(2.4) = s\left(\frac{4.8}{s}\right)$$

$$\frac{2.4s}{2.4} = \frac{4.8}{2.4}$$

$$s = 2$$

L S	R S
2.4	4.8
	s
	4.8
	2
	2.4
L S = R S ∴ s = 2	