

Two-Step Equations

5a. Are the following statements true or false?

A. If $x = 6$, then $3x - 2 = 16$

16			
x	x	x	-2

B. If $y = 4$, then $2y + 5 = 12$

12		
y	y	y



VF

Two-Step Equations

5b. Are the following statements true or false?

A. If $x = 6$, then $0.5x + 2 = 5$

5	
$0.5x$	2

B. If $y = 5$, then $4y - y = 25$

25				
y	y	y	y	$-y$



VF

6a. What is the value of c ?

$$11c - 16 = 116$$

116											
c	c	c	c	c	c	c	c	c	c	c	-16



9

12

14

VF

6b. What is the value of c ?

$$10c + 13 = 103$$

103										
c	c	c	c	c	c	c	c	c	c	13



8

9

10

VF

7a. Match each equation to the value of a .

$$9a \div 3 = 12$$

$$a = 0.5$$

$$\frac{1}{4}a + 11 = 14$$

$$a = 4$$

$$9 = 5 + 8a$$

$$a = 12$$



VF

7b. Match each equation to the value of a .

$$3a \div 2 = 12$$

$$a = 10$$

$$\frac{1}{2}a + 11 = 16$$

$$a = 0.25$$

$$8 = 7 + 4a$$

$$a = 8$$



VF

8a. Fill in the missing operations to show how to solve the equation below.

$$5x - 7 = 18$$



$$5x = 25$$



$$x = 5$$



VF

8b. Fill in the missing operations to show how to solve the equation below.

$$5x + 4 = 22$$



$$6x = 18$$



$$x = 3$$



VF