



Algebra

Solve Equations

5a. Circle the equation that is the odd one out.

$$5a = 1$$

$$20 \div 100 = a$$

$$12a = 3.6$$



VF

5b. Circle the equation that is the odd one out.

$$b + 3 = 25$$

$$11^2 = b$$

$$123 - b = 2$$



VF

6a. Which representation matches the expression $2 + c$?



VF

6b. Which representation matches the expression $n + 4$?



VF

7a. Compare the value of the letters in each equation using $<$, $>$ or $=$.

$$6a = 30 \quad \square \quad b - 4 = 10 \quad \square \quad 3 + c = 17$$



VF

7b. Compare the value of the letters in each equation using $<$, $>$ or $=$.

$$5b = 7.5 \quad \square \quad c - 5 = 9 \quad \square \quad 4 + d = 16$$



VF

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

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	-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	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