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 $2 + c$?

A.

B.

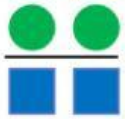
C.

VF

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

A.

B.

C. 

VF

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

$6a = 30$ ☐ $b - 4 = 10$ ☐ $3 + c = 17$

VF

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

$5b = 7.5$ ☐ $c - 5 = 9$ ☐ $4 + d = 16$

VF

LIVEWORKSHEETS

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	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

LIVEWORKSHEETS