Algebra

Solve Equations

9a. Circle the equation that is the odd one out.

$a^2 = 30\frac{1}{4}$

$25.5 \div 10 = a$

$12a = 30.6$

VF

9b. Circle the equation that is the odd one out.

$y \times 0.5 = 27\frac{1}{2}$

$-45 + 100 = y$

$25y = 137.5$

VF

10a. Which representation matches the expression $2m + 0.5$?

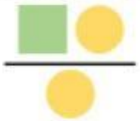
A.

B.

C.

VF

10b. Which representation matches the expression $n \div 1$?

A. 

B.

C.

VF

11a. Compare the value of the letters in each equation using <, > or =.

$c^2 = 169$ ☐ $d - 0.5 = 2$ ☐ $e - 10 = -7.5$

VF

11b. Compare the value of the letters in each equation using <, > or =.

$d \times 8 = 72$ ☐ $-5 + e = 2$ ☐ $f \div 2 = 3.5$

VF

LIVEWORKSHEETS

9a. Are the following statements true or false?

A. If $x = 12$, then $0.75x = 9$

B. If $y = 7$, then $3y \div y = 5$

C. If $z = 4$, then $7 - z = -1$

VF

9b. Are the following statements true or false?

A. If $x = 8$, then $0.75x + 7 = 13$

B. If $y = 11$, then $4y \times 2 = 80$

C. If $z = 7$, then $7 - 2z = 7$

VF

10a. What is the value of c?

$$\frac{1}{5}c + 48 = 60$$

12 30 60

VF

10b. What is the value of c?

$$\frac{1}{10}c + 91 = 100$$

10 80 90

VF

11a. Match each equation to the value of a.

$16a + 24 = 28$	$a = 4$
$9a + 17 = 21.5$	$a = \frac{1}{4}$
$-5 = 6a - 29$	$a = 0.5$

VF

11b. Match each equation to the value of a.

$20a + 36 = 41$	$a = 0.5$
$7a + 34 = 37.5$	$a = 5$
$-4 = 6a - 34$	$a = \frac{1}{4}$

VF

LIVEWORKSHEETS