One-Step Equations

One-Step 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

8a. What numbers would balance the equations below?

A. $5c = 37\frac{1}{2}$

B. $42 - a = 24.5$

C. $9b = 36$

VF

8b. What numbers would balance the equations below?

A. $7m = 56$

B. $3n = 121\frac{1}{2}$

C. $6 + d = 28.5$

VF

Varied Fluency – One-Step Equations – Year 6 Expected

One-Step Equations

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

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

$$25.5 \div 10 = a$$

$$12a = 30.6$$

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

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

$$-45 + 100 = y$$

$$25y = 137.5$$

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

A.

B.

C.

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

A.

B.

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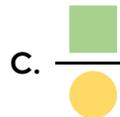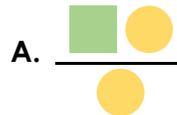
11a. Compare the value of the letters in each equation using <, > or =.

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

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

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

12a. What numbers would balance the equations below?

A. $c \div 8 = 6.5$

B. $b = 81 \div b$

C. $7n = 1.4$

12b. What numbers would balance the equations below?

A. $4n = 23$

B. $r - 1.5 = -1$

C. $c = 49 \div c$

Varied Fluency – One-Step Equations – Year 6 Greater Depth