

Two-Step Equations: MCQ

1) Identify the equation which does not have a solution at $a = -1$.

- a) $9a = 3a - 6$ b) $-5 + a = 6a$ c) $a - 5 = 4a$ d) $\frac{-23 + a}{2} = 12a$

2) If $-6x + 12 = 0$ and $4y + 5 = 9$, what is the value of $x + y$?

- a) 3 b) -1 c) 2 d) -4

3) If $m = 3$ in the equation $2m + n = -5$, what is the value of n ?

- a) $n = -1$

PREVIEW

$n = -2$

4) Identify the equation which is not a linear equation in one variable.

- a) $5w + 2 = 1$

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$$\frac{w + 6}{3} = 3$$

5) In the equation $5p + 2 = 12$, what is the value of p ?

- a) $p = 5$

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$p = 9$

6) What is the value of s in the equation $3s + 1 = 16$?

- a) $s = 2$

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$s = -5$

7) In the equation $12u + 3v = 0$, if $u = 1$, find the value of v .

- a) $v = 1$ b) $v = 2$ c) $v = -3$ d) $v = -4$

8) If $z + 4 = 3z$ and $3 - y = -7$, what is the value of xy ?

- a) 20 b) -40 c) 40 d) -20