

Name : _____

Two-Step Equations: MCQ

Sheet 1

- 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 $2m = 4 - n$, find the value of n .
a) $n = -1$ b) $n = 2$ c) $n = 1$ d) $n = -2$

- 4) Identify the equation which has a solution at $w = -4$.
a) $5w + 2 = 1$ b) $w - 2 = -2w$ c) $\frac{w}{4} + 3 = 2$ d) $\frac{w + 6}{3} = 3$

- 5) In the equation $5p - 11 = 6q$, find the value of p if $q = 4$.
a) $p = 5$ b) $p = 7$ c) $p = 3$ d) $p = 9$

- 6) What is the value of s in the equation $8 - s = 6$?
a) $s = 2$ b) $s = -1$ c) $s = 4$ d) $s = -5$

- 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

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Answer Key

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