

Two-Step Equations: MCQ

- 1) Identify the equation which has a solution at $s = 3$.
- a) $-3s = -2s + 10$ b) $-7s + 9 = -4s$ c) $-6s - 5 = -13s$ d) $9s + 7 = 5s$

- 2) If $b = 5$ in the equation $4b = 6 - c$, find the value of c .
- a) $c = -12$ b) $c = 14$ c) $c = 12$ d) $c = -14$

- 3) Identify the equation which has a solution at $d = 11$.
- a) $10d = 4d - 1$ b) $-22 + 2d = 13d$

- 4) What is the value of k in the equation $3k - 1 = 16$?
- a) $k = 2$ b) $k = 5$ c) $k = -5$ d) $k = -2$

- 5) If $-6x + 12 = 0$ and $2x + 3 = 12$, what is the value of x ?
- a) 3 b) 4 c) -4 d) -3

- 6) In the equation $6p - 1 = 11$, what is the value of p ?
- a) $p = 3$ b) $p = 2$ c) $p = 4$ d) $p = 7$

- 7) Identify the equation which has a solution at $z = -6$.
- a) $6z + 3 = 2$ b) $2z - 3 = -3z$ c) $\frac{z}{6} + 5 = 4$ d) $\frac{z+7}{2} = 4$

- 8) In the equation $8m + 2n = 0$, if $m = 3$, find the value of n .
- a) $n = 12$ b) $n = 2$ c) $n = -3$ d) $n = -12$

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