

Name : _____

Two-Step Equations: MCQ

Sheet 2

1) If $3z = 8 - z$ and $2y - 3 = 5$, what is the value of $y - z$?

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

2) What is the value of r in the equation $-5r + 9 = -16$?

- a) $r = -2$ b) $r = 1$ c) $r = 5$ d) $r = -4$

3) In the equation $5b = 15$, what is the value of b ?

- a) $b = 3$

4) In the equation $3q - 2 = 11$, what is the value of q ?

- a) $q = 11$

5) If $2m + 2 = 8$ and $3n = 9$, what is the value of $m + n$?

- a) 9

6) Identify the equation which has a solution at $w = 2$.

- a) $2w - 4 = w$

7) Identify the equation which has a solution at $s = 16$.

- a) $-s + 6 = -10$ b) $s - 5 = 2s$ c) $10 = 5(s - 4)$ d) $s - 10 = 3s$

8) If $3x - 27 = 0$, what is the value of x ?

- a) $x = -3$ b) $x = 9$ c) $x = 5$ d) $x = -9$

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$b = 0$

$q = -3$

3

$8 + 5w = 7w$