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 \(5a + 6b = 3\), find the value of \(b\) if \(a = -3\).
   a) \(b = 3\)  
   b) \(b = 2\)  
   c) \(b = -1\)  
   d) \(b = 0\)

4) In the equation \(3p - q = q\), find the value of \(q\) if \(p = -2\).
   a) \(q = 11\)  
   b) \(q = -4\)  
   c) \(q = 2\)  
   d) \(q = -3\)

5) If \(2m + 2 = 8\) and \(-2n - 4 = -6\), what is the value of \(\frac{m}{n}\)?
   a) \(\frac{3}{2}\)  
   b) \(\frac{2}{3}\)  
   c) \(2\)  
   d) \(-\frac{3}{2}\)

6) Identify the equation which does not have a solution at \(w = 4\).
   a) \(2w - 4 = w\)  
   b) \(8 + 5w = 7w\)

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) \(x = -9\)
### Two-Step Equations: MCQ

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 $5a + 6b = 3$, find the value of $b$ if $a = -3$.
   - a) $b = 3$
   - b) $b = 2$
   - c) $b = -1$
   - d) $b = 0$

4) In the equation $3p - q = q$, find the value of $q$ if $p = -2$.
   - a) $q = 11$
   - b) $q = -4$
   - c) $q = 2$
   - d) $q = -3$

5) If $2m + 2 = 8$ and $-2n - 4 = -6$, what is the value of $m$?
   - a) $m = 3$
   - b) $m = 4$
   - c) $m = 5$
   - d) $m = 6$

6) Identify the equation which does not have a solution at $w = 4$.
   - a) $8 + 5w = 7w$
   - b) $2w - 4 = w$
   - c) $w + 8 = 6$
   - d) $w + 8 = 2w$

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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**Answer Key**

1) b) 2
2) c) $r = 5$
3) b) $b = 2$
4) c) $q = 2$
5) c) $m = 5$
6) a) $8 + 5w = 7w$
7) a) $-s + 6 = -10$
8) b) $x = 9$