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 equa   .

   a) 10d = 4d − 1   −22 + 2d = 13d

4) What is the value   k = −5

   a) k = 2

5) If −6x + 12 = 0 an

   a) 3   −4

6) In the equation 6

   a) p = 3   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