

**Two-Step Equations: MCQ**

- 1) What is the value of  $k$  in the equation  $4k = 30 - k$ ?
- a)  $k = 6$       b)  $k = 3$       c)  $k = 4$       d)  $k = 2$
- 2) Identify the equation which does not have a solution at  $s = -1$ .
- a)  $2s + 7 = -5s$     b)  $-1 = -5 - 4s$     c)  $6s - 2 = 8s$     d)  $4s + 3 = 7s$
- 3) If  $2x - 4 = -4$  and  $8x - 4 = 8$
- a)  $-4$       b)  $8$
- 4) In the equation  $3x - 2 = 8$  and  $x = -2$
- a)  $x = 2$       b)  $x = -2$
- 5) Identify the equation which does not have a solution at  $r = 2$
- a)  $-3r = -2r + 7$     b)  $7r + 5 = 3r$
- 6) In the equation  $3q - 2 = 7$  and  $q = -7$
- a)  $q = 7$       b)  $q = -7$
- 7) If  $-6g - 12 = 12$  and  $4h - 16 = 0$ , what is the value of  $gh$ ?
- a)  $-12$       b)  $-16$       c)  $16$       d)  $14$
- 8) If  $\frac{u+3}{4} = 9$  and  $-v + 2 = -1$ , what is the value of  $\frac{u}{v}$ ?
- a)  $9$       b)  $12$       c)  $11$       d)  $10$

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**Answer Key****Two-Step Equations: MCQ**

- 1) What is the value of  $k$  in the equation  $4k = 30 - k$ ?
- a)  $k = 6$       b)  $k = 3$       c)  $k = 4$       d)  $k = 2$
- 2) Identify the equation which does not have a solution at  $s = -1$ .
- a)  $2s + 7 = -5s$       b)  $-1 = -5 - 4s$       c)  $6s - 2 = 8s$        d)  $4s + 3 = 7s$
- 3) If  $2x - 4 = -4$  and  $8x - 4 = 8$
- a)  $-4$       b)  $8$
- 4) In the equation  $3x - 4 = 8$  and  $8x - 4 = 8$
- a)  $x = 2$       b)  $x = -2$
- 5) Identify the equation which does not have a solution at  $r = 7$ .
- a)  $-3r = -2r + 7$       b)  $7r + 5 = 3r$
- 6) In the equation  $3q - 4 = 10$  and  $3q - 4 = 10$
- a)  $q = 7$       b)  $q = -7$
- 7) If  $-6g - 12 = 12$  and  $4h - 16 = 0$ , what is the value of  $gh$ ?
- a)  $-12$        b)  $-16$       c)  $16$       d)  $14$
- 8) If  $\frac{u+3}{4} = 9$  and  $-v + 2 = -1$ , what is the value of  $\frac{u}{v}$ ?
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