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 \( 4 + 6z = 8z \), what is the value of \( x + z \)?
   a) \( -4 \)   b) \( 6 \)   c) \( 2 \)   d) \( 8 \)

4) In the equation \( \frac{8}{3}u + 3 = 8 \), find the value of \( x \) if \( a = 16 \).
   a) \( x = 2 \)   b) \( x = 4 \)   c) \( x = -4 \)   d) \( x = -2 \)

5) Identify the equation which has a solution at \( r = 2 \).
   a) \( -3r = -2r + 7 \)   b) \( -9r + 10 = -4r \)   c) \( -5r - 4 = -12r \)   d) \( 7r + 5 = 3r \)

6) In the equation \( 3p + 3q = 6 \), if \( p = 9 \), find the value of \( q \).
   a) \( q = 7 \)   b) \( q = 9 \)   c) \( q = 8 \)   d) \( q = -7 \)

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) \( 10 \)
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 $4 + 6z = 8z$
   a) $-4$  b) $8$

4) In the equation $\frac{x}{4} + 4 = 8$ if $a = 16$, find the value of $x$.
   a) $x = 2$  b) $x = 4$  c) $x = -4$  d) $x = -2$

5) Identify the equation which has a solution at $r = 2$.
   a) $-3r = -2r + 7$  b) $-9r + 10 = -4r$
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6) In the equation $3p + 3q = 6$, if $p = 9$, find the value of $q$.
   a) $q = 7$  b) $q = 9$  c) $q = 8$  d) $q = -7$

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) $10$