



Name: _____

Date: _____

What Are Solutions?

1. Is $x = 11$ a solution to $5x = 2x + 12$? Is $x = 2$ a solution to $3x = 1x + 4$?
 Yes No

2. Find x where $6x + 9 = 5x$ 7. Find x where $6x + 12 = 4x$

3. Is $x = 5$ a solution to $5x = 2x + 12$? Is $x = 11$ a solution to $7x = 2x + 11$?
 Yes No

4. Is $x = 9$ a solution to $6x = 1x + 5$? Is $x = 0$ a solution to $6x + 7 = 3x$
 Yes No

5. Find x where $4x + 7 = 2x$ 10. Is $x = 3$ a solution to $6x = 3x + 9$?
 Yes No



What Are Solutions? – Answer Key

1. text{Is } $x = 11$ text{ a solution to } $5x = 2x + 12$ text{(1 = Yes, 0 = No)}
 $x = 0$

2. text{Find } x text{ where } $6x + 9 = 5x$
 $x = 9$

7. text{Find } x text{ where } $6x + 12 = 4x$
 $x = 6$

3. text{Is } $x = 5$ text{ a solution to } $5x = 2x + 12$ text{(1 = Yes, 0 = No)}
 $x = 0$

8. text{Is } $x = 11$ text{ a solution to } $7x = 2x + 11$ text{(1 = Yes, 0 = No)}
 $x = 0$

4. text{Is } $x = 9$ text{ a solution to } $6x = 1x + 12$ text{(1 = Yes, 0 = No)}
 $x = 0$

9. text{Find } x text{ where } $6x + 7 = 3x$
 $x = 4$

5. text{Find } x text{ where } $4x + 7 = 2x$
 $x = 5$

10. text{Is } $x = 3$ text{ a solution to } $6x = 3x + 9$ text{(1 = Yes, 0 = No)}
 $x = 1$