



Name: _____

Date: _____

Algebra 1 – Unit 2 – What Are Solutions? (Medium)

1. text{Is } $x = 7$ text{ a solution to } $4x + 2 = 35?$ text{(1=Yes, 0=No)}
2. text{Is } $x = 5$ text{ a solution to } $2x + 4 = 19?$ text{(1=Yes, 0=No)}
3. text{Find the solution to } $3x + 10 = 31$
4. text{Is } $x = 2$ text{ a solution to } $2x + 8 = 17?$ text{(1=Yes, 0=No)}
5. text{Find the solution to } $5x + 8 = 48$
6. text{Find the solution to } $6x + 3 = 39$
7. text{Find } x text{ if } $x + 11 = 24$
8. text{Find the solution to } $5x + 10 = 55$
9. text{Find } x text{ if } $x + 21 = 29$
10. text{Is } $x = 2$ text{ a solution to } $3x + 8 = 19?$ text{(1=Yes, 0=No)}



Algebra 1 – Unit 2 – What Are Solutions? (Medium) – Answer Key

1. text{Is } $x = 7$ text{ a solution to } $4x + 2 = 35?$ text{(1=Yes, 0=No)}

x = 0

6. text{Find the solution to } $6x + 3 = 39$

x = 6

2. text{Is } $x = 5$ text{ a solution to } $2x + 4 = 19?$ text{(1=Yes, 0=No)}

x = 0

7. text{Find } x text{ if } $x + 11 = 24$

x = 13

3. text{Find the solution to } $3x + 10 = 31$

x = 7

8. text{Find the solution to } $5x + 10 = 55$

x = 9

4. text{Is } $x = 2$ text{ a solution to } $2x + 8 = 17?$ text{(1=Yes, 0=No)}

x = 0

9. text{Find } x text{ if } $x + 21 = 29$

x = 8

5. text{Find the solution to } $5x + 8 = 48$

x = 8

10. text{Is } $x = 2$ text{ a solution to } $3x + 8 = 19?$ text{(1=Yes, 0=No)}

x = 0