



Name: _____

Date: _____

Algebraic Equations Basics

Solve for x. Show your work.

1. Is $x = 2$ a solution to $2x = 4$?

2. Is $x = 6$ a solution to $6x = 36$?

3. Is $x = 2$ a solution to $3x = 6$?

4. Is $x = 6$ a solution to $3x = 18$?

5. Is $x = 8$ a solution to $3x = 24$?

6. Is $x = 3$ a solution to $4x = 12$?

7. Is $x = 2$ a solution to $2x = 4$?

8. Is $x = 7$ a solution to $3x = 21$?



Algebraic Equations Basics – Answer Key

1. Is $x = 2$ a solution to $2x = 4$?

Yes

2. Is $x = 6$ a solution to $6x = 36$?

Yes

3. Is $x = 2$ a solution to $3x = 6$?

Yes

4. Is $x = 6$ a solution to $3x = 18$?

Yes

5. Is $x = 8$ a solution to $3x = 24$?

Yes

6. Is $x = 3$ a solution to $4x = 12$?

Yes

7. Is $x = 2$ a solution to $2x = 4$?

Yes

8. Is $x = 7$ a solution to $3x = 21$?

Yes