

Check whether a value satisfies an equation

NAME	DATE	SCORE / 10
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1 Is $x = 5$ a solution of $5x + 15 = 40$?

- ☐ No, the left side equals 70
 ☐ No, the left side equals 100
 ☐ Yes, both sides equal 40

2 Is $x = 6$ a solution of $4x - 1 = 19$?

- ☐ No, the left side equals 23
 ☐ No, the left side equals 25
 ☐ Yes, both sides equal 19
☐ No, the left side equals 45

3 Is $x = 6$ a solution of $6x + 11 = 47$?

- ☐ Yes, both sides equal 47
 ☐ No, the left side equals 77
 ☐ No, the left side equals 102

4 Is $x = 5$ a solution of $8x + 4 = 44$?

- ☐ No, the left side equals 89
 ☐ No, the left side equals 72
 ☐ Yes, both sides equal 44

5 Is $x = 3$ a solution of $3x + 3 = 12$?

- ☐ No, the left side equals 18
 ☐ No, the left side equals 36
 ☐ Yes, both sides equal 12

6 Is $x = 5$ a solution of $3x + 5 = 22$?

- ☐ No, the left side equals 20
 ☐ No, the left side equals 30
 ☐ Yes, both sides equal 22
☐ No, the left side equals 40

7 Is $x = 8$ a solution of $2x + 6 = 20$?

- ☐ Yes, both sides equal 20
 ☐ No, the left side equals 22
 ☐ No, the left side equals 28
☐ No, the left side equals 34

8Is $x = 3$ a solution of $4x + 11 = 23$?

- ☐ No, the left side equals 54 ☐ No, the left side equals 56 ☐ Yes, both sides equal 23
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9Is $x = 6$ a solution of $3x + 10 = 27$?

- ☐ No, the left side equals 46 ☐ Yes, both sides equal 27 ☐ No, the left side equals 48
☐ No, the left side equals 28
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10Is $x = 9$ a solution of $3x + 7 = 37$?

- ☐ No, the left side equals 48 ☐ Yes, both sides equal 37 ☐ No, the left side equals 46
☐ No, the left side equals 34

Check whether a value satisfies an equation

1 Yes, both sides equal 40

2 No, the left side equals 23

3 Yes, both sides equal 47

4 Yes, both sides equal 44

5 Yes, both sides equal 12

6 No, the left side equals 20

7 No, the left side equals 22

8 Yes, both sides equal 23

9 No, the left side equals 28

10 No, the left side equals 34