

Check whether a value satisfies an equation

NAME	DATE	SCORE / 10
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1 Is $x = 7$ a solution of $2x + 14 = 30$?

- ☐ No, the left side equals 41
 ☐ No, the left side equals 28
 ☐ No, the left side equals 42
☐ Yes, both sides equal 30

2 Is $x = 5$ a solution of $4x + 7 = 27$?

- ☐ No, the left side equals 48
 ☐ No, the left side equals 52
 ☐ Yes, both sides equal 27

3 Is $x = 9$ a solution of $6x - 13 = 41$?

- ☐ No, the left side equals 56
 ☐ No, the left side equals 67
 ☐ Yes, both sides equal 41

4 Is $x = 9$ a solution of $7x + 9 = 72$?

- ☐ Yes, both sides equal 72
 ☐ No, the left side equals 126
 ☐ No, the left side equals 88

5 Is $x = 5$ a solution of $3x + 4 = 19$?

- ☐ No, the left side equals 39
 ☐ No, the left side equals 27
 ☐ Yes, both sides equal 19

6 Is $x = 3$ a solution of $8x + 4 = 28$?

- ☐ No, the left side equals 56
 ☐ No, the left side equals 87
 ☐ Yes, both sides equal 28

7 Is $x = 4$ a solution of $5x + 14 = 29$?

- ☐ No, the left side equals 68
 ☐ No, the left side equals 34
 ☐ No, the left side equals 90
☐ Yes, both sides equal 29

8 Is $x = 5$ a solution of $5x + 4 = 29$?

- ☐ Yes, both sides equal 29
 ☐ No, the left side equals 59
 ☐ No, the left side equals 45

9Is $x = 6$ a solution of $2x + 10 = 22$?

- ☐ No, the left side equals 32 ☐ No, the left side equals 36 ☐ Yes, both sides equal 22
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10Is $x = 9$ a solution of $8x - 1 = 71$?

- ☐ No, the left side equals 88 ☐ Yes, both sides equal 71 ☐ No, the left side equals 73

Check whether a value satisfies an equation

1 No, the left side equals 28

3 Yes, both sides equal 41

5 Yes, both sides equal 19

7 No, the left side equals 34

9 Yes, both sides equal 22

2 Yes, both sides equal 27

4 Yes, both sides equal 72

6 Yes, both sides equal 28

8 Yes, both sides equal 29

10 Yes, both sides equal 71