Algebra 2 – ‘Solve the equation’ : Bounce quiz

Which value for x solves the equation?

1. Choose the value of x to satisfy the equation… $4x = 0$
2. Choose the value of x to satisfy the equation… $2/x = 2$
3. Choose the value of x to satisfy the equation… $x^2 = 1$
4. Choose the value of x to satisfy the equation… $x^2 = 4$
5. Choose the value of x to satisfy the equation… $x^2 = 9$
6. Choose the value of x to satisfy the equation… $x^2 + x = 0$
7. Choose the value of x to satisfy the equation… $\sqrt{(x+1)} = 2$
8. Choose the value of x to satisfy the equation… $\sqrt{x} = 1$
9. Choose the value of x to satisfy the equation… $1/x = 0.5$
10. Choose the value of x to satisfy the equation… $x^2 = 16$
11. Choose the value of x to satisfy the equation… $x^2 = 0$
12. Choose the value of x to satisfy the equation… $\sqrt{x} = 2$
13. Choose the value of x to satisfy the equation… $2x + 1 = 5$
14. Choose the value of x to satisfy the equation… $3x – 2 = 7$
15. Choose the value of x to satisfy the equation… $x = –x$
16. Choose the value of x to satisfy the equation… $10 – x = 6$
17. Choose the value of x to satisfy the equation… $2x – 3 = 5$
18. Choose the value of x to satisfy the equation… $(x+7)/2 = 5$
19. Choose the value of x to satisfy the equation… $x/5 = 0.2$
20. Choose the value of x to satisfy the equation… $3(x – 2) = 0$

0 **1**

2 **3** **4**

Questions provided courtesy of Mr Peter Dawes

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(Answers)

1.	Choose the value of x to satisfy the equation… $4x = 0$	0
2.	Choose the value of x to satisfy the equation… $2/x = 2$	1
3.	Choose the value of x to satisfy the equation… $x^2 = 1$	1
4.	Choose the value of x to satisfy the equation… $x^2 = 4$	2
5.	Choose the value of x to satisfy the equation… $x^2 = 9$	3
6.	Choose the value of x to satisfy the equation… $x^2 + x = 0$	0
7.	Choose the value of x to satisfy the equation… $\sqrt{(x+1)} = 2$	3
8.	Choose the value of x to satisfy the equation… $\sqrt{x} = 1$	1
9.	Choose the value of x to satisfy the equation… $1/x = 0.5$	2
10.	Choose the value of x to satisfy the equation… $x^2 = 16$	4
11.	Choose the value of x to satisfy the equation… $x^2 = 0$	0
12.	Choose the value of x to satisfy the equation… $\sqrt{x} = 2$	4
13.	Choose the value of x to satisfy the equation… $2x + 1 = 5$	2
14.	Choose the value of x to satisfy the equation… $3x – 2 = 7$	3
15.	Choose the value of x to satisfy the equation… $x = –x$	0
16.	Choose the value of x to satisfy the equation… $10 – x = 6$	4
17.	Choose the value of x to satisfy the equation… $2x – 3 = 5$	4
18.	Choose the value of x to satisfy the equation… $(x+7)/2 = 5$	3
19.	Choose the value of x to satisfy the equation… $x/5 = 0.2$	1
20.	Choose the value of x to satisfy the equation… $3(x – 2) = 0$	2

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