



Determine if each equation describes a function (yes) or not (no). In the equation  $x$  represents the input and  $y$  represents the output.

Answers

1)  $x + 3 = y^2$

2)  $y^6 = 2 \div x$

1. \_\_\_\_\_

3)  $y + 2 = x$

4)  $x \times 2 = y^2$

2. \_\_\_\_\_

5)  $y^{-4} + 9 = x$

6)  $x = 7 \times y$

3. \_\_\_\_\_

4. \_\_\_\_\_

7)  $y^{-6} = x + 5$

8)  $x = 5 + y$

5. \_\_\_\_\_

6. \_\_\_\_\_

9)  $y^{-2} = x \div 8$

10)  $x \div 8 = y^6$

7. \_\_\_\_\_

8. \_\_\_\_\_

11)  $y^{-2} = x - 6$

12)  $y \div 9 = x$

9. \_\_\_\_\_

10. \_\_\_\_\_

13)  $x = 8 - y$

14)  $y = x + 5$

11. \_\_\_\_\_

12. \_\_\_\_\_

15)  $y^{-6} \div 3 = x$

16)  $y^{-2} \times 7 = x$

13. \_\_\_\_\_

14. \_\_\_\_\_

17)  $y = x^8$

18)  $y = 6$

15. \_\_\_\_\_

16. \_\_\_\_\_

19)  $y^9 = x^7$

20)  $x = 9 \div y$

17. \_\_\_\_\_

18. \_\_\_\_\_

19. \_\_\_\_\_

20. \_\_\_\_\_



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17)  $y = x^8$

18)  $y = 6$

19)  $y^9 = x^7$

20)  $x = 9 \div y$

Answers1. no2. no3. yes4. no5. no6. yes7. no8. yes9. no10. no11. no12. yes13. yes14. yes15. no16. no17. yes18. yes19. yes20. yes