



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)  $x + 6 = y^6$

2)  $y^9 = 2 + x$

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

3)  $x \div 4 = y^8$

4)  $y^2 = 2 + x$

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

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

5)  $x = 8 \div y$

6)  $y^{-4} = x \times 6$

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

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

7)  $y + 5 = x$

8)  $x = 2 \times y$

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

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

9)  $y^{-4} = x - 2$

10)  $x = 9 - y$

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

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

11)  $y = x^4$

12)  $y = 4 \times x$

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

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

13)  $y = x \times 6$

14)  $y^{-6} - 4 = x$

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

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

15)  $y^3 = 2 \div x$

16)  $y = 7 - x$

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

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

17)  $y^8 = 2 - x$

18)  $y^5 = x^2$

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

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

19)  $y^6 + x = 2$

20)  $x = 5$

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

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

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



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19)  $y^6 + x = 2$

20)  $x = 5$

Answers1. no2. yes3. no4. no5. yes6. no7. yes8. yes9. no10. yes11. yes12. yes13. yes14. no15. yes16. yes17. no18. yes19. no20. no