



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)  $y = 2 - x$

2)  $y^7 = x^9$

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

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

4)  $y = x + 5$

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

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

6)  $y = 4 \div x$

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

7)  $y^5 = x^3$

8)  $y = -6$

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

9)  $y^6 = x^7$

10)  $y = x \times 9$

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

11)  $x = 7 - y$

12)  $x \times 2 = y^8$

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

13)  $y^2 = x^7$

14)  $y^{-4} - 7 = x$

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

15)  $y^{-8} = x \times 2$

16)  $y^{-8} = 9x$

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

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

18)  $9y = 6x$

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

19)  $y^{-2} \div 5 = x$

20)  $y^{-6} = x + 3$

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

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

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

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

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

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

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

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

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

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

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



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19)  $y^{-2} \div 5 = x$

20)  $y^{-6} = x + 3$

Answers1. yes2. yes3. no4. yes5. yes6. yes7. yes8. yes9. no10. yes11. yes12. no13. no14. no15. no16. no17. no18. yes19. no20. no