



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

2)  $y = 5 \div x$

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

3)  $y^5 = 2 - x$

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

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

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

5)  $y^7 = x^5$

6)  $y = -7$

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

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

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

8)  $y^4 + x = 3$

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

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

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

10)  $y = x \times 5$

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

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

11)  $y^{-2} \times 9 = x$

12)  $x = 4 + y$

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

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

13)  $y^9 = 2 \times x$

14)  $y^2 = 2 + x$

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

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

15)  $y^{-2} = x \div 3$

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

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

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

17)  $y^{-2} = x + 8$

18)  $y^{-6} = x$

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

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

19)  $y = 9 - x$

20)  $y^7 = 2 + x$

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

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

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



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1)  $y^{-8} + 9 = x$

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

17)  $y^{-2} = x + 8$

18)  $y^{-6} = x$

19)  $y = 9 - x$

20)  $y^7 = 2 + x$

Answers1. no2. yes3. yes4. yes5. yes6. yes7. no8. no9. no10. yes11. no12. yes13. yes14. no15. no16. no17. no18. no19. yes20. yes