



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)  $x = 6 + y$

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

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

3)  $y^6 = 2 - x$

4)  $y^{-4} \times 7 = x$

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

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

5)  $x + 8 = y^8$

6)  $x = 2 \times y$

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

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

7)  $y^7 = 2 \div x$

8)  $x \times 7 = y^8$

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

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

9)  $y^8 + x = 6$

10)  $y^7 = x^7$

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

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

11)  $y = 3 \times x$

12)  $y^{-4} = x - 5$

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

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

13)  $y^1 = x^3$

14)  $y = x \div 7$

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

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

15)  $y = x - 6$

16)  $x = -4$

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

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

17)  $y^{-4} = 8x$

18)  $y^{-8} \div 5 = x$

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

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

19)  $y \times 2 = x$

20)  $y^{-2} = x \times 3$

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

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

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



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Answers1. yes2. no3. no4. no5. no6. yes7. yes8. no9. no10. yes11. yes12. no13. yes14. yes15. yes16. no17. no18. no19. yes20. no