



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)  $y = x + 5$

2)  $x = 6 + y$

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

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

4)  $y^{-4} \times 9 = x$

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

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

5)  $y^5 = x^7$

6)  $y^{-8} = 7x$

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

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

7)  $x - 3 = y^4$

8)  $y = x \div 6$

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

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

9)  $x = 8 \times y$

10)  $y^{-8} = x \div 7$

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

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

11)  $x = -7$

12)  $y = x \times 2$

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

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

13)  $y + 6 = x$

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

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

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

15)  $y^{-4} + 6 = x$

16)  $y \times 8 = x$

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

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

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

18)  $y = 9 - x$

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

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

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

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

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

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

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



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

Answers1. yes2. yes3. no4. no5. yes6. no7. no8. yes9. yes10. no11. no12. yes13. yes14. no15. no16. yes17. no18. yes19. no20. yes