



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)  $x = -7$

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

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

3)  $y^6 + x = 7$

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

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

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

5)  $y^{-8} = x + 6$

6)  $y = x^8$

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

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

7)  $y = 8 - x$

8)  $y = x + 5$

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

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

9)  $y = x \div 9$

10)  $y = 7 \div x$

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

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

11)  $y^6 = 2 + x$

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

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

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

13)  $y^1 = 2 \div x$

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

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

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

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

16)  $y + 5 = x$

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

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

17)  $y^6 = x^9$

18)  $x \div 7 = y^6$

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

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

19)  $y^1 = 2 - x$

20)  $y \div 5 = x$

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

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

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



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18)  $x \div 7 = y^6$

19)  $y^1 = 2 - x$

20)  $y \div 5 = x$

Answers1. no2. no3. no4. no5. no6. yes7. yes8. yes9. yes10. yes11. no12. no13. yes14. no15. no16. yes17. no18. no19. yes20. yes