



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)  $y^{-6} = x \times 2$

2)  $y = x - 3$

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

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

4)  $y^4 + x = 5$

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

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

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

6)  $y = 6 \div x$

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

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

7)  $y + x = 3$

8)  $y = 3$

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

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

9)  $x = 3 + y$

10)  $y - 7 = x$

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

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

11)  $y^{-8} \div 6 = x$

12)  $x \div 9 = y^2$

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

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

13)  $x - 7 = y^8$

14)  $7y = 8x$

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

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

15)  $y^{-4} = x + 8$

16)  $x = 5 - y$

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

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

17)  $y^{-6} = x - 9$

18)  $y^{-2} - 3 = x$

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

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

19)  $y^9 = x^8$

20)  $y^9 = 2 \div x$

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

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

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



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17)  $y^{-6} = x - 9$

18)  $y^{-2} - 3 = x$

19)  $y^9 = x^8$

20)  $y^9 = 2 \div x$

Answers1. no2. yes3. no4. no5. no6. yes7. yes8. yes9. yes10. yes11. no12. no13. no14. yes15. no16. yes17. no18. no19. yes20. yes