



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

2)  $y^2 = x^6$

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

3)  $y = -7$

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

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

5)  $y^9 = x^7$

6)  $y^8 = x^4$

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

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

7)  $y = 2 \times x$

8)  $y = x \div 7$

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

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

9)  $y + 8 = x$

10)  $x \times 7 = y^4$

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

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

11)  $y^3 = x^3$

12)  $y^6 = 2 - x$

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

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

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

14)  $y - 2 = x$

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

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

15)  $y + x = 9$

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

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

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

17)  $x = 5$

18)  $y^{-8} \div 2 = x$

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

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

19)  $y = 9 \div x$

20)  $6y = x$

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

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

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

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



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14)  $y - 2 = x$

15)  $y + x = 9$

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

17)  $x = 5$

18)  $y^{-8} \div 2 = x$

19)  $y = 9 \div x$

20)  $6y = x$

Answers1. no2. no3. yes4. no5. yes6. no7. yes8. yes9. yes10. no11. yes12. no13. no14. yes15. yes16. no17. no18. no19. yes20. yes