



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

2)  $y = -8$

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

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

4)  $y = 4$

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

5)  $y^8 = x^2$

6)  $6y = x$

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

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

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

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

7)  $y^{-2} = x \times 8$

8)  $y^{-6} = x \div 3$

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

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

9)  $y^6 = x^6$

10)  $y + x = 5$

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

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

11)  $y^7 = x^5$

12)  $y^3 = 2 \times x$

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

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

13)  $x + 4 = y^2$

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

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

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

15)  $x = 8 + y$

16)  $y^{-6} = x + 2$

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

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

17)  $y^1 = x^9$

18)  $y = x \div 9$

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

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

19)  $x = 5 - y$

20)  $y = 8 + x$

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

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



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18)  $y = x \div 9$

19)  $x = 5 - y$

20)  $y = 8 + x$

Answers1. no2. yes3. no4. yes5. no6. yes7. no8. no9. no10. yes11. yes12. yes13. no14. no15. yes16. no17. yes18. yes19. yes20. yes