



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)  $y = 7 \times x$

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

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

3)  $x \div 3 = y^2$

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

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

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

6)  $x - 2 = y^2$

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

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

8)  $y = 5$

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

9)  $6y = x$

10)  $y^3 = 2 - x$

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

11)  $y^{-4} = x - 9$

12)  $3y = 4x$

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

13)  $y^9 = 2 + x$

14)  $y = x^3$

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

15)  $y^4 = 2 + x$

16)  $y = 6 \div x$

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

17)  $x \times 5 = y^4$

18)  $y \times 2 = x$

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

19)  $y + 2 = x$

20)  $y = 7 + x$

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

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

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

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

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

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

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

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

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

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

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



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17)  $x \times 5 = y^4$

18)  $y \times 2 = x$

19)  $y + 2 = x$

20)  $y = 7 + x$

Answers1. yes2. no3. no4. no5. no6. no7. no8. yes9. yes10. yes11. no12. yes13. yes14. yes15. no16. yes17. no18. yes19. yes20. yes