



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)  $y^7 = 2 \div x$

2)  $y = x + 7$

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

3)  $y^5 = 2 + x$

4)  $y = -3$

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

5)  $y \div 3 = x$

6)  $x - 5 = y^4$

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

7)  $y^6 = 2 + x$

8)  $x \div 8 = y^2$

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

9)  $5y = x$

10)  $y^5 = 2 - x$

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

11)  $y = x \div 7$

12)  $y^{-2} \times 9 = x$

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

13)  $y^{-2} \div 3 = x$

14)  $x = 5 - y$

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

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

16)  $y^2 + x = 9$

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

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

18)  $x + 5 = y^8$

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

19)  $y^{-6} = x \times 8$

20)  $y^{-6} - 8 = x$

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

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

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

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

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

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

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

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

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

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

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



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)  $y^7 = 2 \div x$

2)  $y = x + 7$

1. yes

3)  $y^5 = 2 + x$

4)  $y = -3$

2. yes

5)  $y \div 3 = x$

6)  $x - 5 = y^4$

3. yes

7)  $y^6 = 2 + x$

8)  $x \div 8 = y^2$

4. yes

9)  $5y = x$

10)  $y^5 = 2 - x$

5. yes

11)  $y = x \div 7$

12)  $y^{-2} \times 9 = x$

6. no

13)  $y^{-2} \div 3 = x$

14)  $x = 5 - y$

7. no

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

16)  $y^2 + x = 9$

8. no

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

18)  $x + 5 = y^8$

9. yes

19)  $y^{-6} = x \times 8$

20)  $y^{-6} - 8 = x$

10. yes11. yes12. no13. no14. yes15. no16. no17. no18. no19. no20. no