



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)  $4y = x$

2)  $y^9 = 2 + x$

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

3)  $y^6 = 2 \div x$

4)  $y \times 8 = x$

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

5)  $y^4 = 2 + x$

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

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

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

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

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

7)  $y = 9$

8)  $y = 4 + x$

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

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

9)  $y^4 + x = 7$

10)  $y^{-6} + 9 = x$

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

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

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

12)  $y^{-4} = x + 7$

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

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

13)  $x + 9 = y^2$

14)  $y^7 = 2 \times x$

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

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

15)  $y^4 = x^8$

16)  $y = -4$

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

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

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

18)  $y = 3 - x$

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

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

19)  $y = x - 9$

20)  $y - 9 = x$

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)  $4y = x$

2)  $y^9 = 2 + x$

1. yes

3)  $y^6 = 2 \div x$

4)  $y \times 8 = x$

2. yes

5)  $y^4 = 2 + x$

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

3. no4. yes5. no6. no

7)  $y = 9$

8)  $y = 4 + x$

7. yes8. yes

9)  $y^4 + x = 7$

10)  $y^{-6} + 9 = x$

9. no10. no

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

12)  $y^{-4} = x + 7$

11. no12. no

13)  $x + 9 = y^2$

14)  $y^7 = 2 \times x$

13. no14. yes

15)  $y^4 = x^8$

16)  $y = -4$

15. no16. yes

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

18)  $y = 3 - x$

17. no18. yes

19)  $y = x - 9$

20)  $y - 9 = x$

19. yes20. yes