



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)  $y - 7 = x$

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

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

3)  $x + 8 = y^2$

4)  $y^{-8} = x - 9$

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

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

5)  $x \div 7 = y^8$

6)  $x - 9 = y^8$

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

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

7)  $x = 8 + y$

8)  $y = x^7$

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

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

9)  $x = 6 \div y$

10)  $y^9 = x^4$

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

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

11)  $y = x + 4$

12)  $y = x - 2$

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

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

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

14)  $y \times 8 = x$

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

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

15)  $y + 2 = x$

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

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

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

17)  $y = 9 - x$

18)  $y^4 = 2 - x$

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

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

19)  $y^2 + x = 6$

20)  $x \times 5 = y^6$

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.

		<u>Answers</u>
1) $y - 7 = x$	2) $y^8 = 2 \times x$	1. <u>yes</u>
		2. <u>no</u>
3) $x + 8 = y^2$	4) $y^{-8} = x - 9$	3. <u>no</u>
		4. <u>no</u>
5) $x \div 7 = y^8$	6) $x - 9 = y^8$	5. <u>no</u>
		6. <u>no</u>
7) $x = 8 + y$	8) $y = x^7$	7. <u>yes</u>
		8. <u>yes</u>
9) $x = 6 \div y$	10) $y^9 = x^4$	9. <u>yes</u>
		10. <u>yes</u>
11) $y = x + 4$	12) $y = x - 2$	11. <u>yes</u>
		12. <u>yes</u>
13) $y^{-8} + 7 = x$	14) $y \times 8 = x$	13. <u>no</u>
		14. <u>yes</u>
15) $y + 2 = x$	16) $y^{-8} = 8x$	15. <u>yes</u>
		16. <u>no</u>
17) $y = 9 - x$	18) $y^4 = 2 - x$	17. <u>yes</u>
		18. <u>no</u>
19) $y^2 + x = 6$	20) $x \times 5 = y^6$	19. <u>no</u>
		20. <u>no</u>