



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. \_\_\_\_\_

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

5)  $y^8 = x^2$

6)  $6y = x$

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

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

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

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

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

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

9)  $y^6 = x^6$

10)  $y + x = 5$

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

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

11)  $y^7 = x^5$

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

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

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

13)  $x + 4 = y^2$

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

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

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

15)  $x = 8 + y$

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

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

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

17)  $y^1 = x^9$

18)  $y = x \div 9$

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

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

19)  $x = 5 - y$

20)  $y = 8 + x$

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