



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)  $y^{-4} = x \div 5$

2)  $y = x \div 7$

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

3)  $x = 9$

4)  $y \div 8 = x$

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

5)  $y^{-4} \times 3 = x$

6)  $y = 5 \div x$

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

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

7)  $x = -4$

8)  $6y = 2x$

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

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

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

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

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

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

11)  $y^2 = 2 - x$

12)  $y - 9 = x$

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

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

13)  $x + 3 = y^2$

14)  $x = 2 \div y$

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

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

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

16)  $y = x^1$

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

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

17)  $x \div 4 = y^8$

18)  $y = 4 \times x$

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

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

19)  $y = -4$

20)  $y \times 6 = x$

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.

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