



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) $y = x + 9$

2) $y^8 + x = 9$

1. _____

3) $y^7 = 2 \div x$

4) $y^9 = x^9$

2. _____

3. _____

5) $y = x - 5$

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

4. _____

5. _____

7) $y = 4 \times x$

8) $y - 9 = x$

6. _____

7. _____

9) $x = 8 \div y$

10) $y^{-2} + 8 = x$

8. _____

9. _____

11) $x + 2 = y^8$

12) $y^7 = 2 + x$

10. _____

11. _____

13) $x = 2 + y$

14) $y^{-2} = 4x$

12. _____

13. _____

15) $y^6 = 2 - x$

16) $8y = x$

14. _____

15. _____

17) $y = 9$

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

16. _____

17. _____

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

20) $y^2 = x^2$

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