



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) $x = 3$

1. _____

3) $x + 5 = y^4$

4) $y \times 6 = x$

2. _____

5) $y^9 = 2 \times x$

6) $y^{-8} \div 4 = x$

3. _____

7) $x = 9 - y$

8) $y = x + 8$

4. _____

9) $y + 6 = x$

10) $x \div 4 = y^2$

5. _____

11) $y^{-8} = 3x$

12) $y^{-8} = x - 7$

6. _____

13) $y^9 = x^8$

14) $x \times 9 = y^8$

7. _____

15) $2y = 9x$

16) $y^{-2} = x \div 5$

8. _____

17) $y^6 + x = 8$

18) $y = x \div 5$

9. _____

19) $x = 6 \div y$

20) $y^{-8} \times 5 = x$

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____

16. _____

17. _____

18. _____

19. _____

20. _____



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1) $y = 7 + x$

2) $x = 3$

1. **yes**

3) $x + 5 = y^4$

4) $y \times 6 = x$

2. **no**3. **no**

5) $y^9 = 2 \times x$

6) $y^{-8} \div 4 = x$

4. **yes**5. **yes**

7) $x = 9 - y$

8) $y = x + 8$

6. **no**7. **yes**

9) $y + 6 = x$

10) $x \div 4 = y^2$

8. **yes**9. **yes**

11) $y^{-8} = 3x$

12) $y^{-8} = x - 7$

10. **no**11. **no**

13) $y^9 = x^8$

14) $x \times 9 = y^8$

12. **no**13. **yes**

15) $2y = 9x$

16) $y^{-2} = x \div 5$

14. **no**15. **yes**

17) $y^6 + x = 8$

18) $y = x \div 5$

16. **no**17. **no**

19) $x = 6 \div y$

20) $y^{-8} \times 5 = x$

18. **yes**19. **yes**20. **no**