



Determine if each equation describes a function (yes) or not (no). In the equation x represents the input and y represents the output.

1) $y^9 = x^7$

2) $y^{-2} + 5 = x$

3) $y + 2 = x$

4) $y^5 = 2 \div x$

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

6) $x + 2 = y^4$

7) $y^7 = x^4$

8) $y - 3 = x$

9) $x = -6$

10) $y^{-6} \div 7 = x$

11) $x \times 7 = y^4$

12) $y + x = 2$

13) $y = 5 \div x$

14) $y^{-6} = x + 5$

15) $y = 2 - x$

16) $y^1 = 2 + x$

17) $y = 7 + x$

18) $x = 8 + y$

19) $y^6 = x^4$

20) $y^4 = 2 + x$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____

16. _____

17. _____

18. _____

19. _____

20. _____



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Answers1. **yes**2. **no**3. **yes**4. **yes**5. **no**6. **no**7. **yes**8. **yes**9. **no**10. **no**11. **no**12. **yes**13. **yes**14. **no**15. **yes**16. **yes**17. **yes**18. **yes**19. **no**20. **no**