



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) $x \times 4 = y^6$

2) $y^6 + x = 6$

1. _____

3) $x = 9 \times y$

4) $7y = x$

2. _____

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

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

3. _____

7) $x = 6 \div y$

8) $y^{-4} = x$

4. _____

9) $y = x^6$

10) $y^4 = x^2$

5. _____

11) $x \div 3 = y^6$

12) $x + 2 = y^6$

6. _____

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

14) $y = 8 \div x$

7. _____

15) $y - 5 = x$

16) $y = x \times 5$

8. _____

17) $y^7 = 2 + x$

18) $y^1 = x^2$

9. _____

19) $y = 4 - x$

20) $y^{-6} + 4 = x$

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____

16. _____

17. _____

18. _____

19. _____

20. _____



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18) $y^1 = x^2$

19) $y = 4 - x$

20) $y^{-6} + 4 = x$

Answers1. no2. no3. yes4. yes5. no6. no7. yes8. no9. yes10. no11. no12. no13. no14. yes15. yes16. yes17. yes18. yes19. yes20. no