



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. _____

3. _____

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

6) $y = 5 \div x$

4. _____

5. _____

7) $x = -4$

8) $6y = 2x$

6. _____

7. _____

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

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

8. _____

9. _____

11) $y^2 = 2 - x$

12) $y - 9 = x$

10. _____

11. _____

13) $x + 3 = y^2$

14) $x = 2 \div y$

12. _____

13. _____

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

16) $y = x^1$

14. _____

15. _____

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

18) $y = 4 \times x$

16. _____

17. _____

19) $y = -4$

20) $y \times 6 = x$

18. _____

19. _____

20. _____



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1. no

3) $x = 9$

4) $y \div 8 = x$

2. yes

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

6) $y = 5 \div x$

3. no4. yes5. no6. yes

7) $x = -4$

8) $6y = 2x$

7. no8. yes

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

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

9. no10. no

11) $y^2 = 2 - x$

12) $y - 9 = x$

11. no12. yes

13) $x + 3 = y^2$

14) $x = 2 \div y$

13. no14. yes

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

16) $y = x^1$

15. no16. yes

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

18) $y = 4 \times x$

17. no18. yes

19) $y = -4$

20) $y \times 6 = x$

19. yes20. yes