



Identify Functions (Equations)

Name: _____

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) $x = 2 \times y$

2) $y^3 = 2 - x$

1. _____

3) $y = 7 \div x$

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

2. _____

5) $y - 6 = x$

6) $y^2 = 2 + x$

3. _____

7) $x \div 6 = y^4$

8) $x = -7$

4. _____

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

10) $y^2 = x^9$

5. _____

11) $x + 2 = y^8$

12) $x = 4 - y$

6. _____

13) $y = x - 5$

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

7. _____

15) $y^9 = x^9$

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

8. _____

17) $y = 9 + x$

18) $y^2 = x^5$

9. _____

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

20) $y = x \div 9$

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____

16. _____

17. _____

18. _____

19. _____

20. _____



Identify Functions (Equations)

Name: **Answer Key**

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) $x = 2 \times y$

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1. yes

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

20) $y = x \div 9$

10. no11. no12. yes13. yes14. yes15. yes16. no17. yes18. no19. no20. yes