



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) $x = -7$

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

1. _____

3) $y^6 + x = 7$

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

2. _____

5) $y^{-8} = x + 6$

6) $y = x^8$

3. _____

7) $y = 8 - x$

8) $y = x + 5$

4. _____

9) $y = x \div 9$

10) $y = 7 \div x$

5. _____

11) $y^6 = 2 + x$

12) $y^{-6} + 3 = x$

6. _____

13) $y^1 = 2 \div x$

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

7. _____

15) $y^2 = 2 \div x$

16) $y + 5 = x$

8. _____

17) $y^6 = x^9$

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

9. _____

19) $y^1 = 2 - x$

20) $y \div 5 = x$

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____

16. _____

17. _____

18. _____

19. _____

20. _____



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) $x = -7$

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

1. no

3) $y^6 + x = 7$

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

2. no

5) $y^{-8} = x + 6$

6) $y = x^8$

3. no4. no5. no

7) $y = 8 - x$

8) $y = x + 5$

6. yes7. yes8. yes

9) $y = x \div 9$

10) $y = 7 \div x$

9. yes10. yes

11) $y^6 = 2 + x$

12) $y^{-6} + 3 = x$

11. no12. no

13) $y^1 = 2 \div x$

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

13. yes14. no

15) $y^2 = 2 \div x$

16) $y + 5 = x$

15. no16. yes

17) $y^6 = x^9$

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

17. no18. no

19) $y^1 = 2 - x$

20) $y \div 5 = x$

19. yes20. yes