



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

2) $y = -8$

1. _____

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

4) $y = 4$

2. _____

3. _____

5) $y^8 = x^2$

6) $6y = x$

4. _____

5. _____

7) $y^{-2} = x \times 8$

8) $y^{-6} = x \div 3$

6. _____

7. _____

9) $y^6 = x^6$

10) $y + x = 5$

8. _____

9. _____

11) $y^7 = x^5$

12) $y^3 = 2 \times x$

10. _____

11. _____

13) $x + 4 = y^2$

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

12. _____

13. _____

15) $x = 8 + y$

16) $y^{-6} = x + 2$

14. _____

15. _____

17) $y^1 = x^9$

18) $y = x \div 9$

16. _____

17. _____

19) $x = 5 - y$

20) $y = 8 + x$

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

2) $y = -8$

1. no

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

4) $y = 4$

2. yes

5) $y^8 = x^2$

6) $6y = x$

3. no4. yes5. no6. yes

7) $y^{-2} = x \times 8$

8) $y^{-6} = x \div 3$

7. no8. no

9) $y^6 = x^6$

10) $y + x = 5$

9. no10. yes

11) $y^7 = x^5$

12) $y^3 = 2 \times x$

11. yes12. yes

13) $x + 4 = y^2$

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

13. no14. no

15) $x = 8 + y$

16) $y^{-6} = x + 2$

15. yes16. no

17) $y^1 = x^9$

18) $y = x \div 9$

17. yes18. yes

19) $x = 5 - y$

20) $y = 8 + x$

19. yes20. yes