



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. _____



Determine if each equation describes a function (yes) or not (no). In the equation x represents the input and y represents the output.

| | | <u>Answers</u> |
|--------------------------|----------------------|----------------|
| 1) $y^{-4} = x \div 5$ | 2) $y = x \div 7$ | 1. <u>no</u> |
| | | 2. <u>yes</u> |
| 3) $x = 9$ | 4) $y \div 8 = x$ | 3. <u>no</u> |
| | | 4. <u>yes</u> |
| 5) $y^{-4} \times 3 = x$ | 6) $y = 5 \div x$ | 5. <u>no</u> |
| | | 6. <u>yes</u> |
| 7) $x = -4$ | 8) $6y = 2x$ | 7. <u>no</u> |
| | | 8. <u>yes</u> |
| 9) $y^{-2} = x - 8$ | 10) $y^{-6} + 6 = x$ | 9. <u>no</u> |
| | | 10. <u>no</u> |
| 11) $y^2 = 2 - x$ | 12) $y - 9 = x$ | 11. <u>no</u> |
| | | 12. <u>yes</u> |
| 13) $x + 3 = y^2$ | 14) $x = 2 \div y$ | 13. <u>no</u> |
| | | 14. <u>yes</u> |
| 15) $y^{-6} = 8x$ | 16) $y = x^1$ | 15. <u>no</u> |
| | | 16. <u>yes</u> |
| 17) $x \div 4 = y^8$ | 18) $y = 4 \times x$ | 17. <u>no</u> |
| | | 18. <u>yes</u> |
| 19) $y = -4$ | 20) $y \times 6 = x$ | 19. <u>yes</u> |
| | | 20. <u>yes</u> |