



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) $y^3 = 2 \div x$

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

1. _____

3) $x \times 6 = y^6$

4) $8y = x$

2. _____

5) $x \div 5 = y^4$

6) $x + 5 = y^4$

3. _____

7) $y^8 = 2 \times x$

8) $y^6 = 2 \div x$

4. _____

9) $y = x + 7$

10) $y = 7 + x$

5. _____

11) $y^6 + x = 6$

12) $y^{-8} = x - 3$

6. _____

13) $y = x \times 2$

14) $y^1 = 2 \times x$

7. _____

15) $y = 6$

16) $y^1 = 2 - x$

8. _____

17) $y^3 = 2 + x$

18) $5y = 2x$

9. _____

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

20) $y^{-8} = x + 4$

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.

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



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) $4y = x$

2) $y^9 = x^9$

1. _____

3) $y + 8 = x$

4) $y^8 + x = 3$

2. _____

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

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

3. _____

7) $x = 9$

8) $y = 7$

4. _____

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

10) $y = 2 + x$

5. _____

11) $y = x \div 2$

12) $x - 7 = y^6$

6. _____

13) $y^{-8} = x + 9$

14) $x = -3$

7. _____

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

16) $y \times 9 = x$

8. _____

17) $y = 5 \times x$

18) $y^2 = x^6$

9. _____

19) $y = x - 4$

20) $x = 9 \times y$

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.

1) $4y = x$

2) $y^9 = x^9$

3) $y + 8 = x$

4) $y^8 + x = 3$

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

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

7) $x = 9$

8) $y = 7$

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

10) $y = 2 + x$

11) $y = x \div 2$

12) $x - 7 = y^6$

13) $y^{-8} = x + 9$

14) $x = -3$

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

16) $y \times 9 = x$

17) $y = 5 \times x$

18) $y^2 = x^6$

19) $y = x - 4$

20) $x = 9 \times y$

Answers1. yes2. yes3. yes4. no5. no6. no7. no8. yes9. no10. yes11. yes12. no13. no14. no15. yes16. yes17. yes18. no19. yes20. yes



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) $y \times 6 = x$

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

1. _____

3) $y^3 = 2 - x$

4) $y^2 + x = 3$

2. _____

5) $y^7 = 2 \div x$

6) $x = 2 - y$

3. _____

7) $x = 8 + y$

8) $y^{-4} = x + 4$

4. _____

9) $y = x \div 5$

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

5. _____

11) $y^9 = 2 + x$

12) $y^{-4} - 9 = x$

6. _____

13) $y = x + 6$

14) $y^{-6} = x \times 3$

7. _____

15) $y^3 = x^5$

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

8. _____

17) $y - 2 = x$

18) $y^4 = x^9$

9. _____

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

20) $y = -5$

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.

1) $y \times 6 = x$

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

3) $y^3 = 2 - x$

4) $y^2 + x = 3$

5) $y^7 = 2 \div x$

6) $x = 2 - y$

7) $x = 8 + y$

8) $y^{-4} = x + 4$

9) $y = x \div 5$

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

11) $y^9 = 2 + x$

12) $y^{-4} - 9 = x$

13) $y = x + 6$

14) $y^{-6} = x \times 3$

15) $y^3 = x^5$

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

17) $y - 2 = x$

18) $y^4 = x^9$

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

20) $y = -5$

Answers1. yes2. no3. yes4. no5. yes6. yes7. yes8. no9. yes10. no11. yes12. no13. yes14. no15. yes16. no17. yes18. no19. no20. yes



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) $y = 2 - x$

2) $y^7 = x^9$

1. _____

3) $y^4 = 2 \times x$

4) $y = x + 5$

2. _____

5) $y^3 = 2 \div x$

6) $y = 4 \div x$

3. _____

7) $y^5 = x^3$

8) $y = -6$

4. _____

9) $y^6 = x^7$

10) $y = x \times 9$

5. _____

11) $x = 7 - y$

12) $x \times 2 = y^8$

6. _____

13) $y^2 = x^7$

14) $y^{-4} - 7 = x$

7. _____

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

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

8. _____

17) $y^{-6} = x - 2$

18) $9y = 6x$

9. _____

19) $y^{-2} \div 5 = x$

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

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.

1) $y = 2 - x$

2) $y^7 = x^9$

3) $y^4 = 2 \times x$

4) $y = x + 5$

5) $y^3 = 2 \div x$

6) $y = 4 \div x$

7) $y^5 = x^3$

8) $y = -6$

9) $y^6 = x^7$

10) $y = x \times 9$

11) $x = 7 - y$

12) $x \times 2 = y^8$

13) $y^2 = x^7$

14) $y^{-4} - 7 = x$

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

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

17) $y^{-6} = x - 2$

18) $9y = 6x$

19) $y^{-2} \div 5 = x$

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

Answers1. yes2. yes3. no4. yes5. yes6. yes7. yes8. yes9. no10. yes11. yes12. no13. no14. no15. no16. no17. no18. yes19. no20. no



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) $y = x - 2$

2) $y^4 = 2 + x$

1. _____

3) $y^3 = 2 \div x$

4) $y^1 = 2 - x$

2. _____

5) $y^{-2} = x - 6$

6) $y = x \times 6$

3. _____

7) $y^7 = x^6$

8) $y = x \div 7$

4. _____

9) $x = 7 \div y$

10) $x - 7 = y^2$

5. _____

11) $x \times 2 = y^2$

12) $y = 7 \times x$

6. _____

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

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

7. _____

15) $4y = 4x$

16) $y \div 6 = x$

8. _____

17) $y^{-6} \times 4 = x$

18) $y^{-4} = x + 7$

9. _____

19) $y = -5$

20) $y^8 = 2 - x$

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.

1) $y = x - 2$

2) $y^4 = 2 + x$

3) $y^3 = 2 \div x$

4) $y^1 = 2 - x$

5) $y^{-2} = x - 6$

6) $y = x \times 6$

7) $y^7 = x^6$

8) $y = x \div 7$

9) $x = 7 \div y$

10) $x - 7 = y^2$

11) $x \times 2 = y^2$

12) $y = 7 \times x$

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

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

15) $4y = 4x$

16) $y \div 6 = x$

17) $y^{-6} \times 4 = x$

18) $y^{-4} = x + 7$

19) $y = -5$

20) $y^8 = 2 - x$

Answers1. yes2. no3. yes4. yes5. no6. yes7. yes8. yes9. yes10. no11. no12. yes13. no14. no15. yes16. yes17. no18. no19. yes20. no



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) $y^{-2} \div 5 = x$

2) $y \div 5 = x$

1. _____

3) $y^{-2} = x \times 9$

4) $y^4 + x = 7$

2. _____

5) $y^7 = x^5$

6) $y^6 = 2 \div x$

3. _____

4. _____

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

8) $y^5 = 2 - x$

5. _____

6. _____

9) $y - 4 = x$

10) $y = -5$

7. _____

8. _____

11) $y = x \div 4$

12) $x - 6 = y^2$

9. _____

10. _____

13) $y^4 = x^7$

14) $y^5 = 2 \times x$

11. _____

12. _____

15) $y \times 8 = x$

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

13. _____

14. _____

17) $y^2 = x^8$

18) $y^{-2} = x \div 9$

15. _____

16. _____

19) $y^{-2} - 6 = x$

20) $y = 5 - x$

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.

1) $y^{-2} \div 5 = x$

2) $y \div 5 = x$

3) $y^{-2} = x \times 9$

4) $y^4 + x = 7$

5) $y^7 = x^5$

6) $y^6 = 2 \div x$

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

8) $y^5 = 2 - x$

9) $y - 4 = x$

10) $y = -5$

11) $y = x \div 4$

12) $x - 6 = y^2$

13) $y^4 = x^7$

14) $y^5 = 2 \times x$

15) $y \times 8 = x$

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

17) $y^2 = x^8$

18) $y^{-2} = x \div 9$

19) $y^{-2} - 6 = x$

20) $y = 5 - x$

Answers1. no2. yes3. no4. no5. yes6. no7. no8. yes9. yes10. yes11. yes12. no13. no14. yes15. yes16. no17. no18. no19. no20. yes



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) $x = -5$ | 2) $y^9 = x^8$ | 1. _____ |
| 3) $x \div 4 = y^6$ | 4) $y^{-2} = x - 6$ | 2. _____ |
| 5) $y^7 = 2 - x$ | 6) $y^4 = 2 + x$ | 3. _____ |
| 7) $y = 4$ | 8) $x \times 9 = y^6$ | 4. _____ |
| 9) $y^3 = 2 \times x$ | 10) $y^8 = 2 \times x$ | 5. _____ |
| 11) $y = 7 + x$ | 12) $y = x \div 3$ | 6. _____ |
| 13) $y = -8$ | 14) $y - 5 = x$ | 7. _____ |
| 15) $y^{-8} - 6 = x$ | 16) $x + 3 = y^2$ | 8. _____ |
| 17) $y^8 = 2 \div x$ | 18) $y = x^8$ | 9. _____ |
| 19) $x = 5 - y$ | 20) $y^2 = 2 - x$ | 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.

1) $x = -5$

2) $y^9 = x^8$

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

4) $y^{-2} = x - 6$

5) $y^7 = 2 - x$

6) $y^4 = 2 + x$

7) $y = 4$

8) $x \times 9 = y^6$

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

10) $y^8 = 2 \times x$

11) $y = 7 + x$

12) $y = x \div 3$

13) $y = -8$

14) $y - 5 = x$

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

16) $x + 3 = y^2$

17) $y^8 = 2 \div x$

18) $y = x^8$

19) $x = 5 - y$

20) $y^2 = 2 - x$

Answers1. no2. yes3. no4. no5. yes6. no7. yes8. no9. yes10. no11. yes12. yes13. yes14. yes15. no16. no17. no18. yes19. yes20. no



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) $y^1 = 2 \times x$

2) $x = 8 \div y$

1. _____

3) $y^{-4} = x \div 6$

4) $y^{-8} \times 3 = x$

2. _____

5) $y = x^5$

6) $y - 4 = x$

3. _____

7) $y = x - 4$

8) $y^2 = x^8$

4. _____

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

10) $x = -3$

5. _____

11) $y \div 9 = x$

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

6. _____

13) $x \div 6 = y^6$

14) $4y = 3x$

7. _____

15) $y = x \times 6$

16) $y^7 = 2 - x$

8. _____

17) $y^{-2} = x + 3$

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

9. _____

19) $y^4 = 2 - x$

20) $x = 5 \times y$

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.

1) $y^1 = 2 \times x$

2) $x = 8 \div y$

3) $y^{-4} = x \div 6$

4) $y^{-8} \times 3 = x$

5) $y = x^5$

6) $y - 4 = x$

7) $y = x - 4$

8) $y^2 = x^8$

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

10) $x = -3$

11) $y \div 9 = x$

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

13) $x \div 6 = y^6$

14) $4y = 3x$

15) $y = x \times 6$

16) $y^7 = 2 - x$

17) $y^{-2} = x + 3$

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

19) $y^4 = 2 - x$

20) $x = 5 \times y$

Answers1. yes2. yes3. no4. no5. yes6. yes7. yes8. no9. no10. no11. yes12. no13. no14. yes15. yes16. yes17. no18. yes19. no20. yes



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) $y^{-2} = x \times 6$

2) $x = 2 \times y$

1. _____

3) $x = 7 + y$

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

2. _____

5) $y^1 = 2 \times x$

6) $8y = x$

3. _____

7) $y^4 = 2 - x$

8) $x \times 9 = y^6$

4. _____

9) $x + 7 = y^6$

10) $y = 7 \div x$

5. _____

11) $x = -5$

12) $y^{-6} \div 5 = x$

6. _____

13) $y = x \times 8$

14) $y = 4 - x$

7. _____

15) $y^8 = 2 + x$

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

8. _____

17) $y = -3$

18) $y = x + 2$

9. _____

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

20) $y^6 + x = 7$

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.

1) $y^{-2} = x \times 6$

2) $x = 2 \times y$

3) $x = 7 + y$

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

5) $y^1 = 2 \times x$

6) $8y = x$

7) $y^4 = 2 - x$

8) $x \times 9 = y^6$

9) $x + 7 = y^6$

10) $y = 7 \div x$

11) $x = -5$

12) $y^{-6} \div 5 = x$

13) $y = x \times 8$

14) $y = 4 - x$

15) $y^8 = 2 + x$

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

17) $y = -3$

18) $y = x + 2$

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

20) $y^6 + x = 7$

Answers1. no2. yes3. yes4. no5. yes6. yes7. no8. no9. no10. yes11. no12. no13. yes14. yes15. no16. no17. yes18. yes19. no20. no



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) $x \times 4 = y^6$

2) $y^6 + x = 6$

1. _____

3) $x = 9 \times y$

4) $7y = x$

2. _____

5) $y^{-2} = 4x$

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

3. _____

7) $x = 6 \div y$

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

4. _____

9) $y = x^6$

10) $y^4 = x^2$

5. _____

11) $x \div 3 = y^6$

12) $x + 2 = y^6$

6. _____

13) $y^{-2} \div 2 = x$

14) $y = 8 \div x$

7. _____

15) $y - 5 = x$

16) $y = x \times 5$

8. _____

17) $y^7 = 2 + x$

18) $y^1 = x^2$

9. _____

19) $y = 4 - x$

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

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.

1) $x \times 4 = y^6$

2) $y^6 + x = 6$

3) $x = 9 \times y$

4) $7y = x$

5) $y^{-2} = 4x$

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

7) $x = 6 \div y$

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

9) $y = x^6$

10) $y^4 = x^2$

11) $x \div 3 = y^6$

12) $x + 2 = y^6$

13) $y^{-2} \div 2 = x$

14) $y = 8 \div x$

15) $y - 5 = x$

16) $y = x \times 5$

17) $y^7 = 2 + x$

18) $y^1 = x^2$

19) $y = 4 - x$

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

Answers1. no2. no3. yes4. yes5. no6. no7. yes8. no9. yes10. no11. no12. no13. no14. yes15. yes16. yes17. yes18. yes19. yes20. no