



Determine if the equation shown represents a linear function (yes) or not (no).

Answers

1)  $Y = \sqrt{X^2 - 7}$

1. \_\_\_\_\_

2)  $Y = \sqrt{X^2 - 8}$

2. \_\_\_\_\_

3)  $Y = 2 + X$

3. \_\_\_\_\_

4)  $Y = \sqrt{X^2 - 8}$

4. \_\_\_\_\_

5)  $Y = \sqrt{X^2 - 8}$

5. \_\_\_\_\_

6)  $Y = \sqrt{X^2 - 4}$

6. \_\_\_\_\_

7)  $Y = \frac{X}{4}$

7. \_\_\_\_\_

8)  $Y = \sqrt{X^2 - 8}$

8. \_\_\_\_\_

9)  $Y = -X + 9$

9. \_\_\_\_\_

10)  $Y = 8 \times X + 5^2$

10. \_\_\_\_\_

11)  $Y = 8 \times X - (X \times -1)$

11. \_\_\_\_\_

12)  $Y = \sqrt{X^2 - 7}$

12. \_\_\_\_\_

13)  $Y = \sqrt{X^2 - 4}$

13. \_\_\_\_\_

14)  $Y = \sqrt{X^2 - 9}$

14. \_\_\_\_\_

15)  $Y = \sqrt{X^2 - 4}$

15. \_\_\_\_\_

16)  $Y = -X$

16. \_\_\_\_\_

17)  $Y = \sqrt{X^2 - 6}$

17. \_\_\_\_\_

18)  $Y = 3 - X$

18. \_\_\_\_\_

19)  $Y = -X \times 6$

19. \_\_\_\_\_

20)  $Y = X - 2$

20. \_\_\_\_\_



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17)  $Y = \sqrt{X^2 - 6}$

18)  $Y = 3 - X$

19)  $Y = -X \times 6$

20)  $Y = X - 2$

Answers1. **no**2. **no**3. **yes**4. **no**5. **no**6. **no**7. **yes**8. **no**9. **yes**10. **yes**11. **yes**12. **no**13. **no**14. **no**15. **no**16. **yes**17. **no**18. **yes**19. **yes**20. **yes**