



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

Answers

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



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

1) $Y = -X - 3$

2) $Y = 2 \times X - (X \times -1)$

3) $Y = 5 + X$

4) $Y = 5^X + 6$

5) $Y = -X$

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

7) $Y = 3 \times X - (X + 2)$

8) $Y = 3 + \frac{X}{4}$

9) $Y = \sqrt{3 \times X}$

10) $Y = X^2 + 8$

11) $Y = -X^2$

12) $Y = \frac{X}{9} \times 9$

13) $Y = \sqrt{X} + 2$

14) $Y = 6 \times X + 9^2$

15) $Y = X + 8$

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

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

18) $Y = -X + 7$

19) $Y = \sqrt{X \times 4}$

20) $Y = X^2 + 2$

Answers1. yes2. yes3. yes4. no5. yes6. no7. yes8. yes9. no10. no11. no12. yes13. no14. yes15. yes16. no17. no18. yes19. no20. no