

Algebra 1 Chapter 2 Review Answers

1. $4(y^2 - 12) = 5x$
2. Twice the sum of b and ten is the same as four.
3. The sum of y and three times x squared is the same as the product of five and x.
4. Jeans cost twenty dollars more than shirts. Four shirts and two pairs of jeans cost \$225.00. What is the price of a shirt?
5. $x = -28$
6. $p = -49$
7. $k = \frac{62}{3}$
8. $t = 40$
9. $r = 10$
10. No solution
11. $w = \frac{5}{4}$
12. $x = 7$
13. $n = -3$ so $4n - 10 = -22$
14. $x + (x + 1) = 45$
22, 23
15. $x + (x + 2) + (x + 4) + (x + 6) = 56$
11, 13, 15, 17
16. $x = -45$
17. Typo here, x should be h. $h = 5$
18. $n = 15$
19. $b = 99$
20. $x = \frac{58}{3}$
21. $b = -3$
22. There are 130 ninth graders with braces.
23. It will take 1 hour and ten minutes to complete the homework.
24. Decrease of 28%
25. Increase of 25%
26. The total cost is \$19.08
27. The camera costs \$73.34.
28. The price of the car will be \$7532.70.
29. The final price of dinner is \$37.73.