

Forming Linear equations

1. If 28 less than five times a certain number is 232. What is the number?
2. Fifteen more than three times a number is the same as ten less than six times the number. What is the number
3. The perimeter of a rectangle is 44. The length is 5 less than double the width. Find the dimensions.
4. The sum of three consecutive even numbers is 246. What are the numbers?

Answers

1. The number is 52.
2. $25/3$
3. The dimensions of the rectangle are 9 by 13.
4. 80, 82, and 84
5. 55, 110, and 15
6. 76, 532
7. 1644
8. 20, 200