

Introducing 5D Process

1. The perimeter of a rectangle is 120 feet. If the length of the rectangle is 10 feet more than the width, what are the dimensions (length and width) of the rectangle?
2. Joe's age is three times Aaron's age and Aaron is six years older than Christina. If the sum of their ages is 149, what is Christina's age? Joe's age? Aaron's age?
3. Tomas is thinking of a number. If he triples his number and subtracts 13, the result is 305. Of what number is Tomas thinking?
4. The perimeter of a triangle is 51 centimeters. The longest side is twice the length of the shortest side. The third side is three centimeters longer than the shortest side. How long is each side?
5. A box of fruit has four more apples than oranges. Together there are 52 pieces of fruit. How many of each type of fruit are there?