

It is three times further to Bananatown than to Orangetown. It is four times further to Pineappletown than to Orangetown. Pineapple town is 500km away. How far is it to Bananatown?

Let x – distance from our town to Orangetown. Then $3x$ - distance from our town to Bananatown and $4x$ - distance to Pineappletown.

$$4x = 500, \quad x = \frac{500}{4} = 125$$

$$3x = 3 \cdot 125 = 375.$$

Answer: 375 km.