



Calculate the radius of a circle with area  $250\text{cm}^2$

Maeve has £8 to the nearest pound.

What is the least possible amount of money she has?

What is the greatest possible amount of money she has?

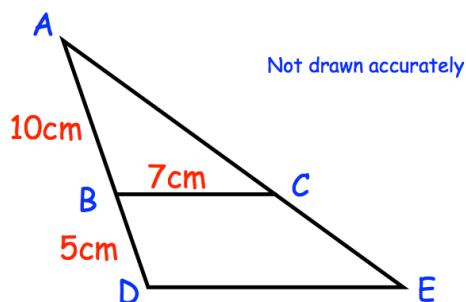
Antoni is making purple paint by mixing blue paint and red paint in the ratio 3 : 5.

Each 5 litre tin of red paint costs £18.  
Each 2.5 litre tin of blue paint costs £10.

Work out the cost of making 200 litres of purple paint.

A dice is rolled.  
A coin is flipped.

What is the probability of getting a tail and a prime number?



Lines BC and DE are parallel.

Find the length of DE