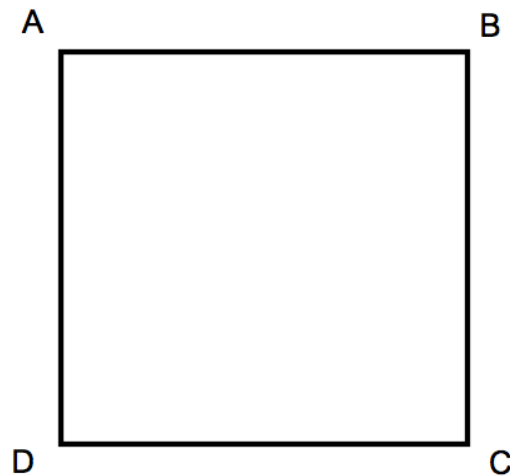




The ratio of red to yellow to blue sweets in a bag is 3:6:1

What fraction of the sweets are yellow?

Shown below is rectangle ABCD.



Label the region inside the rectangle, which is closer to A than D, and more than 3cm from BC.

The ratio of copper to zinc in the alloy brass is 3:2

Copper costs \$4830 per tonne
Zinc costs \$1846 per tonne

Work out the cost of 4 tonnes of brass.

Solve the simultaneous equations

$$5x - 6y = 28$$

$$4x - 4y = 24$$