# Problems of the Day

Day 43

**1** For every £1 coin Brooke has, she has three 5p coins.

Brooke has five £1 coins.

How much money does Brooke have?

£5.75

**2** Jake has £6.30 in a moneybox.




He only has 50p and 10p coins.

For every 50p coin in the box, Jake has two 10p coins.

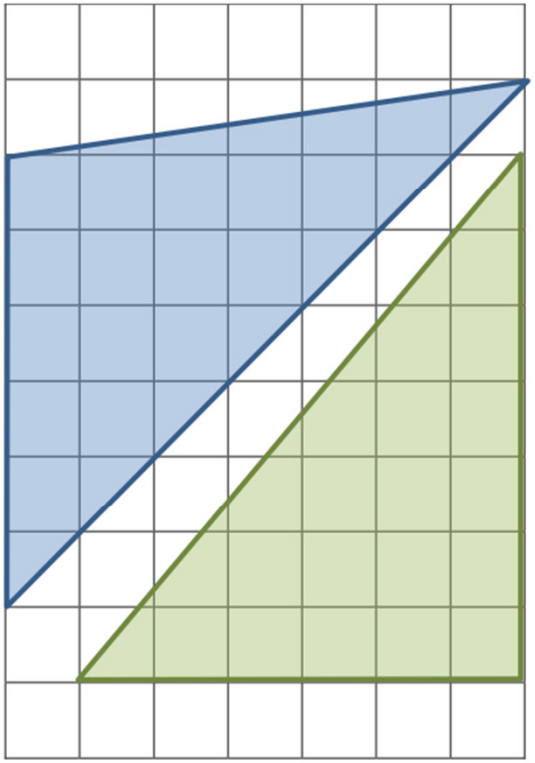
How many of each coin does Jake have in his moneybox?

9 50p coins
18 10p coins

**3** Two triangles are drawn on a centimetre square grid.

**The triangles have the same area.**

True or false? Prove it.



True – both have an area of 21 cm$^2$

White Rose Maths