Pearson GCSE 9-1 Maths questions - summer 2017

The following questions are taken from the summer 2017 question papers, the mark schemes have also been provided.

20 Azmol is paid £1500 per month.
He is going to get a 3% increase in the amount of money he is paid.

Work out how much money Azmol will be paid per month after the increase.

£...

(Total for Question 20 is 2 marks)

Question	Answer	Mark	Notes
20	1545	1 1	shows a complete method of calculating a 3% increase correct answer only

9 Jules buys a washing machine.

20% VAT is added to the price of the washing machine.
Jules then has to pay a total of £600

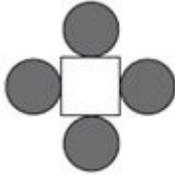What is the price of the washing machine with **no** VAT added?

£...

(Total for Question 9 is 2 marks)

Question	Answer	Mark	Notes
9	500	1 1	shows complete method of $600 \div 1.2$, or equivalent correct answer only

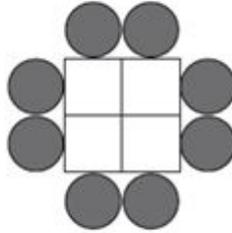**11** A sequence of patterns is made from circular tiles ● and square tiles ☐
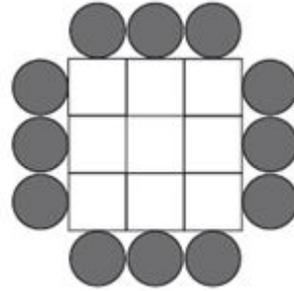
Here are the first three patterns in the sequence.

pattern number 1   pattern number 2   pattern number 3

(a) How many square tiles are needed to make pattern number 6?

....

(2)

Question	Answer	Mark	Notes
11	36	1 1	demonstrates the start of a process that could lead to the answer correct answer only