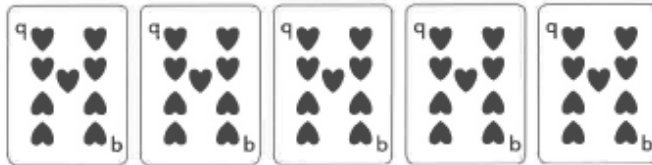


Multiplying and dividing by 9

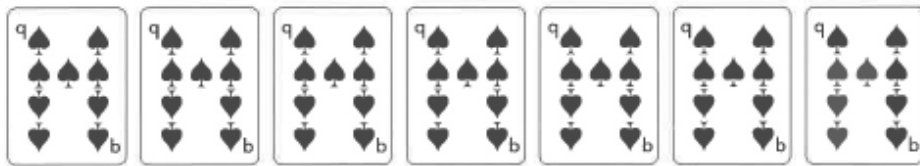
1 a) How many hearts are there in total?



$$\square \times \square = \square$$

There are hearts.

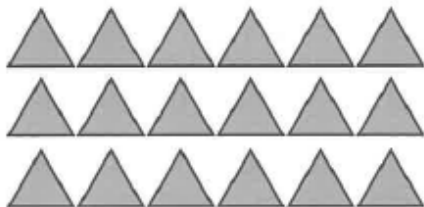
b) How many spades are there in total?



$$\square \times \square = \square$$

There are spades.

2 Circle groups of triangles to show how you can use the array to work out $18 \div 9$.



$$18 \div 9 = \square$$

Did you use grouping or sharing?

Mr Lopez



- 3 Mr Lopez's class are going on a school trip.
The cost for the trip is £9 each.

How many children handed in money today?

○ ○

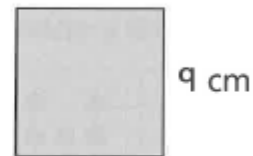
children handed in money today.

Today I have collected £72.

- 4 a) A square has a side 9 cm long.

What is the perimeter of the square?

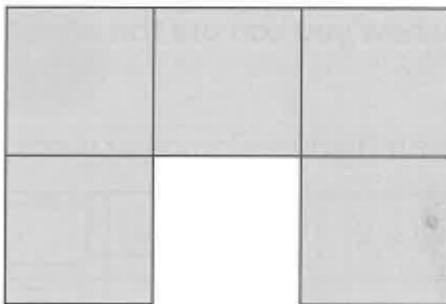
× 9 =



The perimeter of the square is cm.

- b) Five of these squares are put together to make another shape.

What is the perimeter of the new shape?



× 9 =

The perimeter of the new shape is cm.

Explain your method.

5 Which number does not divide by 9 equally? Circle the answer.

36

108

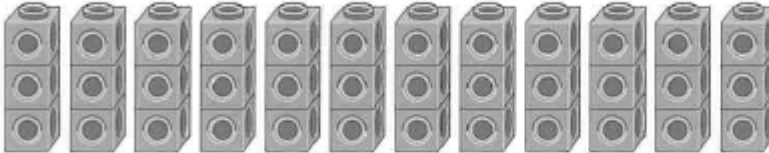
153

209

324

477

6 Rowan makes the following towers of cubes.



She now puts the cubes into towers of 9.

How many towers can she make?

Rowan can make towers of 9 cubes.

CHALLENGE

Reflect

The answer to the problem is $£45 \div 9 = £5$

What could the problem be? Write or draw your own word or picture problem to match the multiplication.

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