

.07.20

## LC – Have I got the skills?

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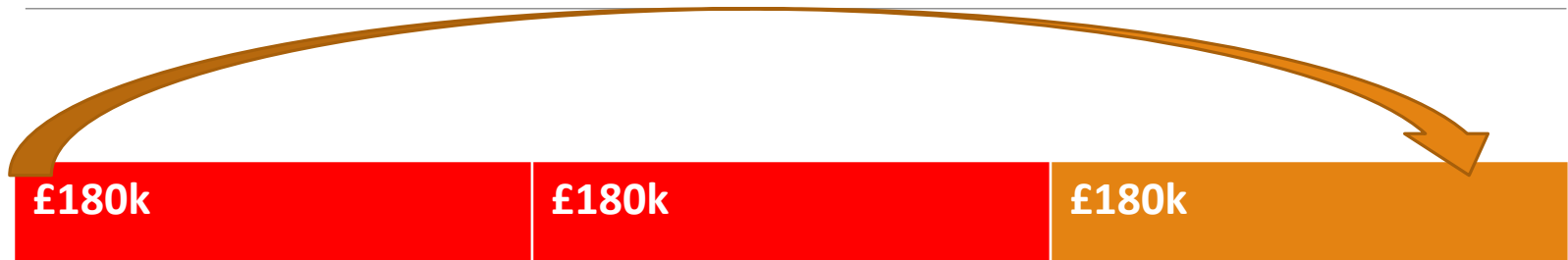
Slick Jim won some money.

- He spent two thirds of his winnings on a McLaren 720s.
- He spent two thirds of what he had left on a boat.
- Then he spent two thirds of what he had left on a hot air balloon.
- He spent his last £20000 on a flashy bike.

How much did Slick Jim win ?

You need to start at the end and work back using the inverse.

£540,000 – he spends £360k on a Rolls Royce Phantom.



**£180,000 - £120k on a boat.**



**£60,000. Spends £40k on a balloon.**



He's then left with £20k.

# Ok, try this one.

Take ten cards numbered 0 to 9.



Each time use all ten cards.

Arrange the cards to make:

- five numbers that are multiples of 3
- five numbers that are multiples of 7
- five prime numbers

Who can remember the divisibility test for whether a number is a multiple of 3?

There are different solutions for this one. However, one example could be:

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For example:

a. 12, 39, 45, 60, 78. (Multiples of 3)

b. 7, 42, 63, 98, 105. (Multiples of 5)

c. 5, 23, 67, 89, 401. (Primes)

# Complete the weekly skills test.

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DO try to look at the sheet first and anticipate what you might find tricky.

DO then try and do some revision on those areas ahead of starting.

DO show your working out.

DO read over and double check your answers to avoid silly mistakes.

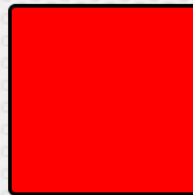
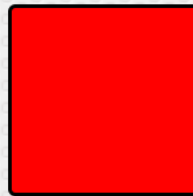
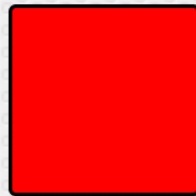
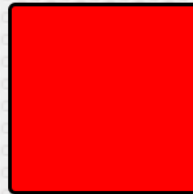
# If you finish...

Arrange the given numbers in the cross so that the sum of the numbers in the vertical line is the same as the sum of the numbers in the horizontal line.

-20

-13

-6



1

8