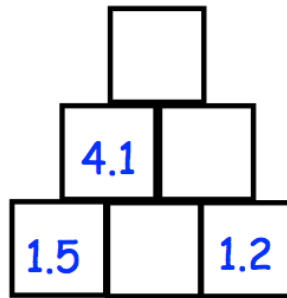


**18th May**

Corbettmaths

The number in each block is found by adding the two blocks directly beneath it.

Find the missing numbers.



Expand

$$5(x + 3)$$

Expand

$$y(y - 4)$$

Here are the first five terms of a number sequence.

3      8      13      18      23

Here are the first four terms of another number sequence.

-2      4      10      16

Find two numbers that are in both number sequences.

Sarah makes cupcakes.  
She makes 20 cupcakes per hour.

She makes cupcakes for  $3\frac{1}{4}$  hours each day, for 5 days of the week.

The cupcakes are packed into boxes that hold 6 cupcakes.

How many boxes are needed to hold all the cupcake cakes Sarah has made in 5 days?