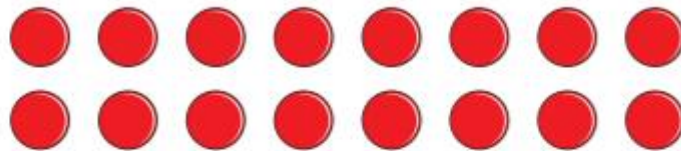


## Wednesday Maths

### L.O. Factors

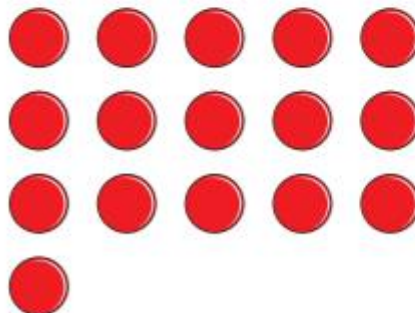
- 1 Alex arranges 16 counters in different ways.  
She is trying to work out some factors.



- a) Use the array to complete the sentence.

and  are both factors of 16

- b) Alex rearranges the counters.



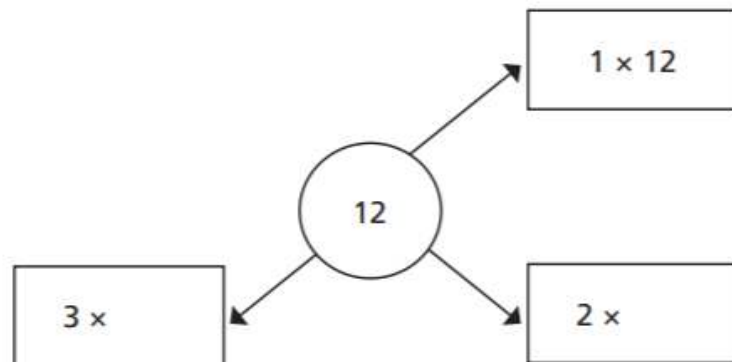
How does this array show that 5 is not a factor of 16?

- 2 Use 20 counters.
- a) Show that 2 and 10 are factors of 20
  - b) Rearrange the counters to show why 4 and 5 are also factors of 20
  - c) Show why 6 is not a factor of 20

You can use the below link to access an online website to use counters (or use objects you have at home!)

<https://www.ictgames.com/mobilePage/arrayDisplay/index.html>

- 3 a) Complete the diagram to show the pairs of numbers that multiply to make 12



List all the factors of 12

- b) Draw a similar diagram to show the pairs of numbers that multiply to make 24

List all the factors of 24