05.03.21 – Factor Lines
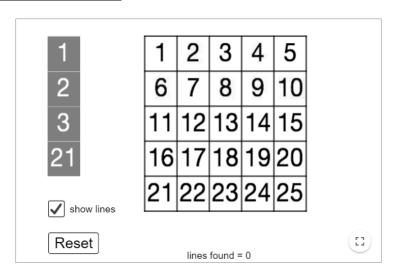

Arrange the four number cards (1, 2, 3 and 21) on the grid above to make a diagonal, vertical or horizontal line.
You can put a number card on a square with

- a multiple of that number
- a factor of that number.

In how many different ways can you do it? Can you use a strategy that you haven't tried before?

Which of the cards can be multiples?
Which can be factors?
Can any be both?
How will you remember what lines you have found?
How will you know you have got them all?