



### David's Daily Dilemma

As David can't come in this year to help with maths revision, he has agreed to set you a daily maths challenge. The answers for each week will appear on the website the following Monday.

Here is his twentieth challenge.

I have wanted to give you this one every day but Mrs Mays wouldn't let me as it is so difficult! There is a hint on the second page.

### The Nine Dot Puzzle

Use a pencil to draw four continuous straight line segments which go through the middle of all 9 dots without taking the pencil off the paper.



**HINT: Think outside the box – this puzzle was invented in 1914 and is thought to have invented the phrase “thinking outside the box”!**

**Hint 2 on the next side.**

**HINT 2: Or think outside the grid, it doesn't say anything about how long the lines should be.**