## Was Maths Invented or Discovered?

Not only an age-old philosophical question for P4C and Maths, but a classroom match-report to give you ideas for facilitating it yourself.

## Philosophy



NEXT STEPS
This is an example of the Scribe, Don't Script principle explored in our Philosophy Circles training. Whilst the dialogue may be hard to follow when viewed isolation, in real time it provides pupils with a record of what's been said, so they can more easily connect their thoughts to what's already been proposed.


After the opening round of ideas ("you can't touch Maths!" / "angles in a triangle always add up to 180 degrees") one pupil suggested that Maths was always there, but we had invented numbers to describe it. $7 \times 8=56$ was true without us, but we decided to give it the labels of 7,8 and 56 .

Taking another of our principles - Use Their Questions - we zoned in on this statement to test for accuracy. Could $7 \times 8$ be 56 without us? If so, how?

You might find the class beginning to explore the concept and nature of Numbers, and, so you could use the 2 Square stimulus from the excellent book "The Philosophy Shop" by Peter Worley of The Philosophy Foundation.

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\begin{array}{ll}
2 & 2 \\
2 & 2
\end{array}
$$

How many numbers are on the board? Peter explains the thinking behind it in his own matchreport here.

