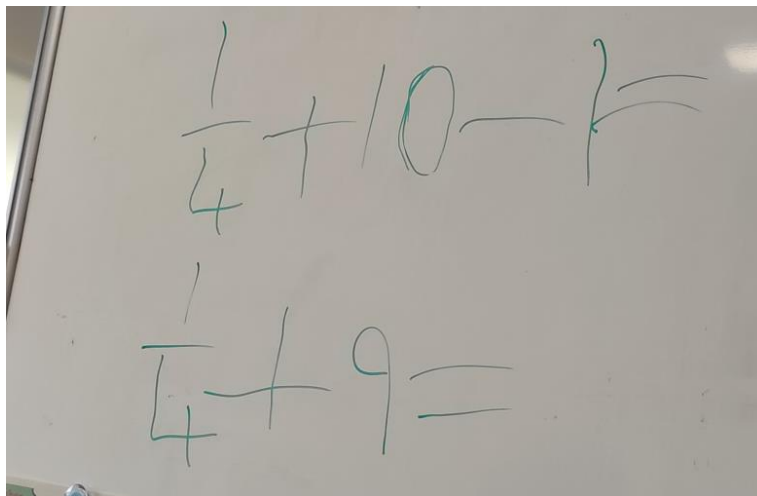
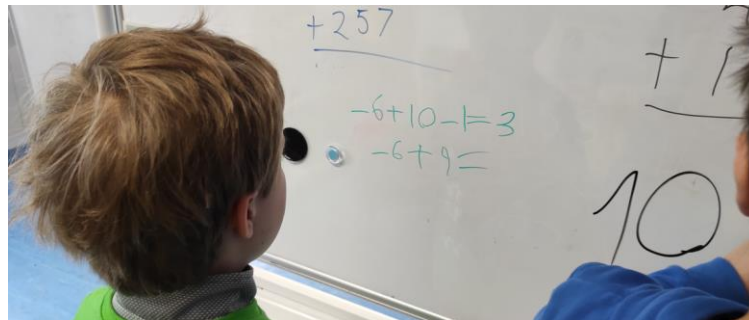
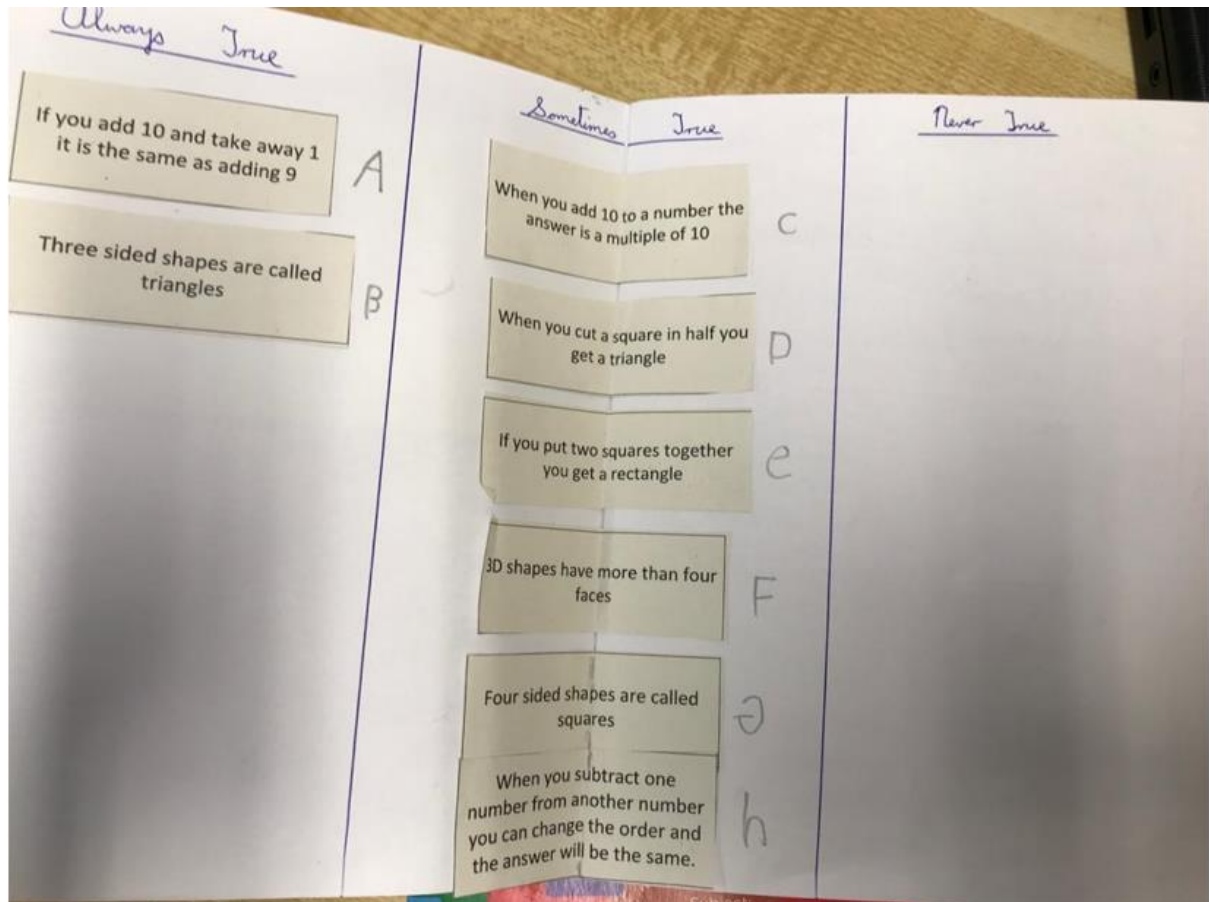


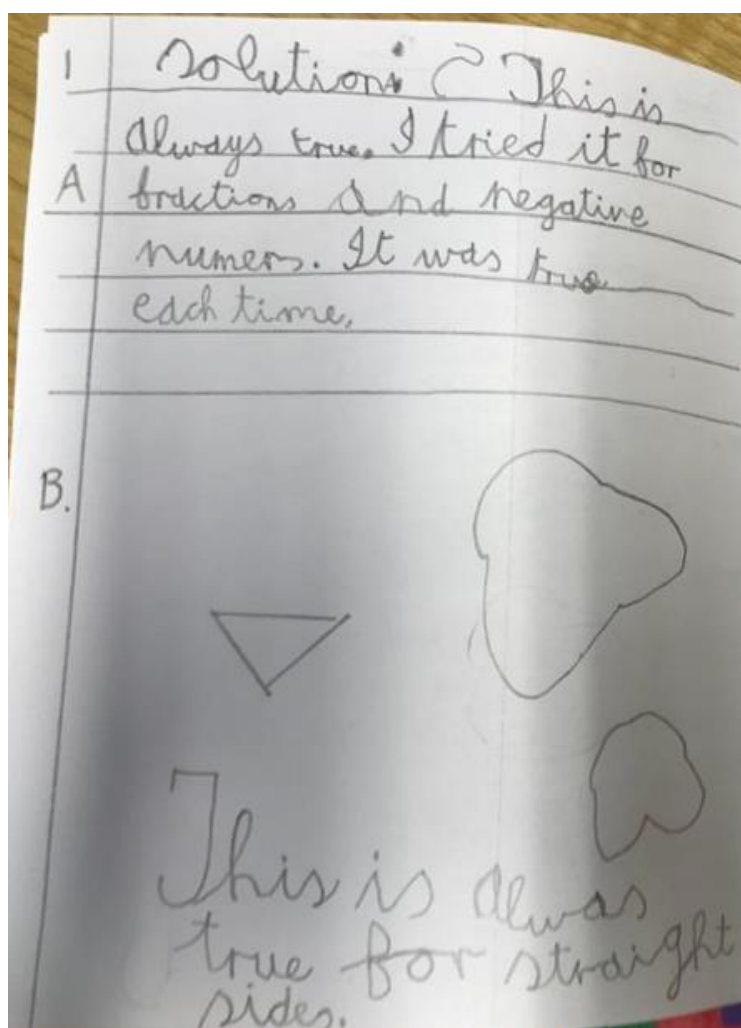
First Cormac and Elliot experimented on the whiteboard and talked about some of the problems:



Then they stuck down the statements in their copybooks.



Then they tried to explain them. They labelled them A – H in their copy so people would know which one they were explaining.



Statement A is always true. I tried it for fractions and negative numbers and it was true each time.

Statement B is always true for straight sides.

Solution

B this is always true.

(ANSWER).

BECAUSE
UPSIDE DOWN
TRIANGLES

ARE STILL

TRIANGLES.

Statement B is always true because upside-down triangles are still triangles.

$10 + 166$
 $= 176$ (Not a multiple of ten)

$600 + 10$
 $= 610$ (a multiple of ten)

Statement C is true if you add ten to a multiple of ten, but not if you add ten to a number which is not a multiple of ten.

Teacher says: Unfortunately Cormac and Elliot didn't manage to explain the rest of their solutions as I was absent the next day. However, they really enjoyed working together and it was really good practice at explaining ideas to each other and proving their ideas.