Fluency 1
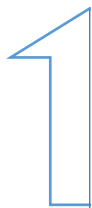
Fluency 2

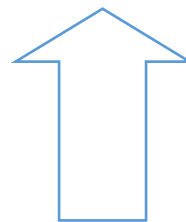Half means one of two
equal parts.
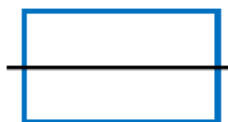
Fluency 3
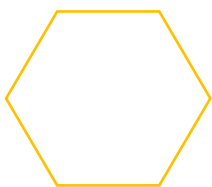
| whole | half | half | whole |

Fluency 4

Reasoning 1

Modelled DAB Reasoning Responses

D – I agree with Alfie.

A – Alfie has halved the triangle correctly. Asha has not.

B – Asha has not made equal parts. Even though Alfie's triangle is upside down he has still found half as he has split it into 2 equal parts.

Reasoning 2

Modelled DAB Reasoning Responses

D – Disagree with Marlon.

A – It is possible to halve this shape.

B – The line that Marlon has drawn has not split it into two equal parts. He needs to draw a line going across from left to right to split it into halves.

Reasoning 3

Modelled DAB Reasoning Response

D – True

A – There are lots of ways of finding half of a shape.

B – As long as both parts are equal, it is half. This is easier to do on squared paper. Here are some of the ways that a square can be cut into half.

Reasoning 4

Modelled DAB Reasoning Response

D – Anita is wrong.

A – Cutting into 2 pieces isn't half.

B – Both pieces must be equal.

D – Jerry is wrong.

A – Any number of equal pieces isn't half.

B – It must be 2 equal pieces to make half.

Download our 'DAB' posters to support reasoning in your classroom:

https://www.deepeningunderstanding.co.uk/product/dab-reasoning-posters/

Problem Solving 1

Colour half of each shape. There are many ways to do each shape but they need to colour half of the number of smaller shapes:

For the extension, they need to understand that there needs to be the same number of each colour counter in the shapes/pictures that they make.