DEEPENING UNDERSTANDING ANSWER SHEET

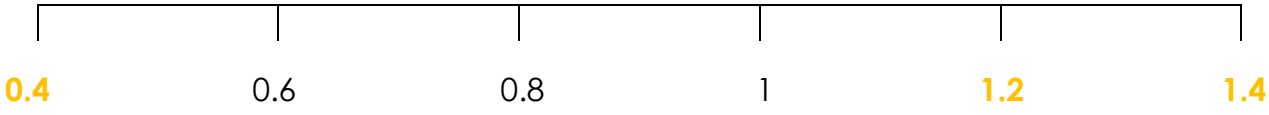
YEAR 4 PIM – TENTHS ON A NUMBER LINE

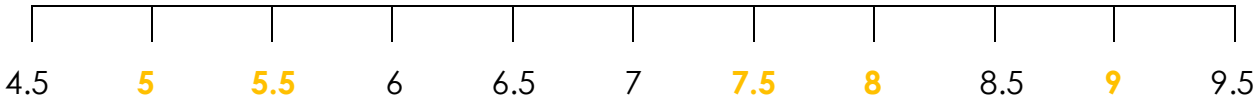
Fluency 1

10 tenths are equal to 1 whole.

Fluency 2

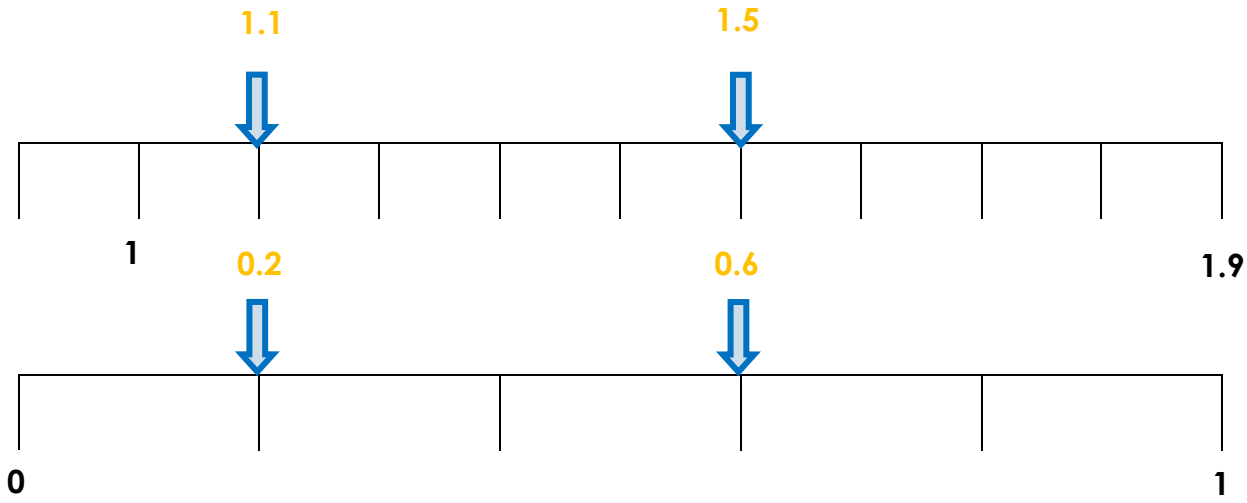






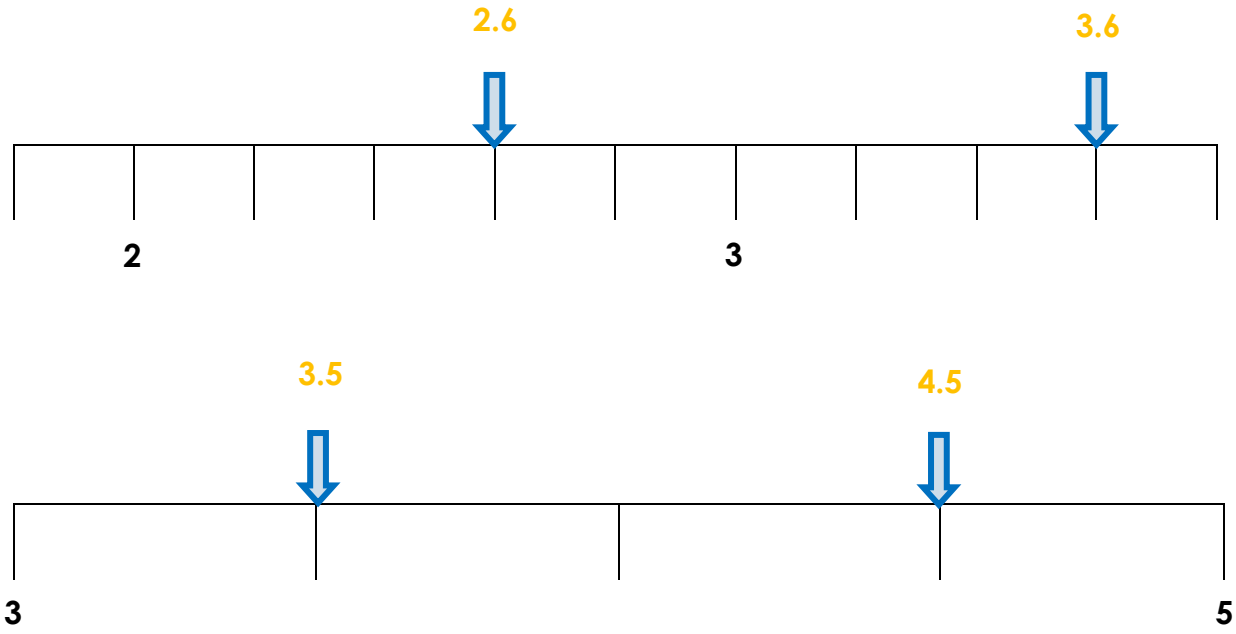
Fluency 3

Tenths labelled as follows:



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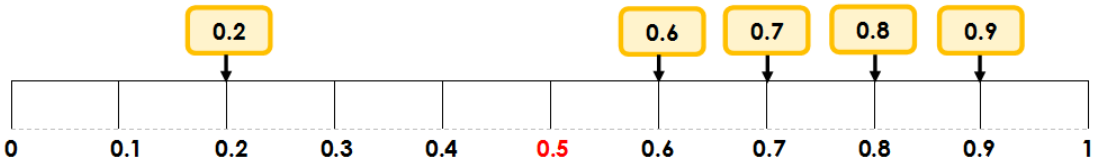
Reasoning 1

Modelled DAB Reasoning Responses

D – Asha is incorrect.

A – The only yellow car which is a number less than half is 0.2.

B –



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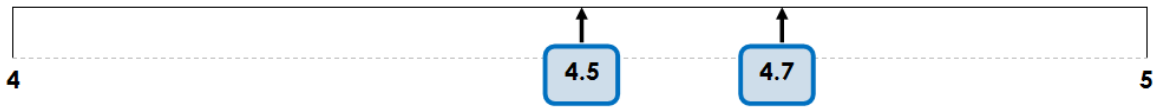
Reasoning 2

Modelled DAB Reasoning Response

D – I do not agree with Jerry.

A – 4.5 should be halfway between 4 and 5.

B – Jerry's number line should look like this:



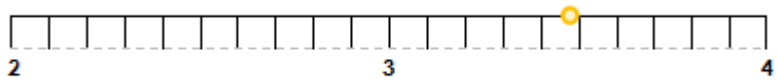
Reasoning 3

Modelled DAB Reasoning Response

D – Darcey is incorrect.

A – The mark on the number line is closer to 3.5 so it is probably more likely to be 3.4.

B –



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

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

Problem Solving 1

There are multiple possibilities. Some of these include:

1st number line:

If the fist notch is 1 and the second is 2: 1.8

If the first notch is 1 and the second is 1.5: 1.4

2nd number line:

If the fist notch is 1 and the second is 2: 1.3

If the first notch is 1 and the second is 1.5: 1.3

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