



DEEPENING UNDERSTANDING ANSWER SHEET

YEAR 4 PIM – COUNTING IN 1,000s

Fluency 1

1 thousand is the same as **10** hundreds.

2 thousands are the same as **20** hundreds.

3 thousands are the same as **30** hundreds.

There are **eight** 1,000 place value counters.

1,000... 2,000... 3,000... 4,000... 5,000... 6,000... 7,000... 8,000...

Together, they represent **8,000**

Fluency 2

Drawings may vary:



Fluency 3




Reasoning 1

Modelled DAB Reasoning Responses

D – Jane has made a mistake.

A – The place value chart does not represent three thousand.

B – The counters are not in the correct column in terms of place value.

T (Thousands)	H (Hundreds)	T (Tens)	O (Ones)
			

Reasoning 2

Modelled DAB Reasoning Response

D – Sometimes

A – When counting in 1,000s, 6,000 sometimes comes after 5,000.

B – Counting forwards: 1,000... 2,000... 3,000... 4,000... 5,000... 6,000

Counting backwards: 9,000... 8,000... 7,000... 6,000...

Reasoning 3

Modelled DAB Reasoning Response

D – Anita is correct.

A – When counting in thousands from zero, you will never say an odd number.

B – All of the multiples of 1,000 from zero will end '0' meaning they are even.
1,000... 2,000... 3,000... 4,000... 5,000... 6,000... 7,000... 8,000... 9,000...

Reasoning 4

Modelled DAB Reasoning Response

D – Ranjit is correct.

A – He will say 7 numbers before saying 9,000 if he does not start counting on 1,000.

B – 2,000... 3,000... 4,000... 5,000... 6,000... 7,000... 8,000... 9,000...

1 2 3 4 5 6 7



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 e.g.

Lancashire 10,000

Worcestershire 9,000

Durham 8,000

Surrey 6,000

Derbyshire 3,000

Essex 2,000

Lancashire 10,000

Worcestershire 7,000

Durham 6,000

Surrey 5,000

Derbyshire 3,000

Essex 2,000

Lancashire 10,000

Worcestershire 7,000

Durham 6,000

Surrey 4,000

Derbyshire 3,000

Essex 2,000

