

## Thursday Medium

### Varied fluency

### Reasoning and problem solving

5a. Use the information to complete the table.

To find 5%, first find 10% and then halve it.  
To find 15%, find 10% and 5% and add them together.

	5%	10%	15%
160			
8m			
240			



VF

6a. Find 45% of these amounts by finding 10% and then multiplying by 4 to find 40%; and halve 10% to find 5%.

- a. 340    b. 120    c. 6m    d. 280



VF

7a. True or false?

A. 55% of 80  40% of 60

B. 65% of 120  85% of 60

C. 40% of 180  95% of 140



VF

8a. Which shows the highest amount and which shows the lowest?

- A. 20% of 120    B. 25% of 280    C. 15% of 140  
D. 35% of 140    E. 75% of 124



VF

4a. Libby says,



To find 20% of an amount, you divide the number by 10 and then times by 20.

Is Libby correct? Prove it.



R

5a. Which is the odd one out?

A	B	C
5% of 60	20% of 180	45% of 80

Explain your reasoning.  
Could there be more than one answer?



R

6a. Find your way through the maze by finding the correct answers.

Start	15% of 2m = 30cm	20% of 240 = 48	30% of 180 = 45
10% of 1m = 50cm	85% of 120 = 100	60% of 50 = 30	25% of 140 = 50
30% of 80 = 32	10% of 130 = 13	95% of 140 = 133	10% of 200 = 2
20% of 110 = 11	45% of 280 = 126	30% of 90 = 36	65% of 160 = 120
40% of 80 = 40	35% of 260 = 91	20% of 190 = 38	Finish



PS