FLUENCY 1

Use place value counters to represent this calculation.

	2	1	2	3
×				2

(1000) (100) (10) (1)

TH	H	T	O
(1000) (1000)			
(1000) (1000)			

FLUENCY 2

Write the calculation and answer represented by this grid.

×	4,000	200	0	3
4	16,000	800	0	12

×				

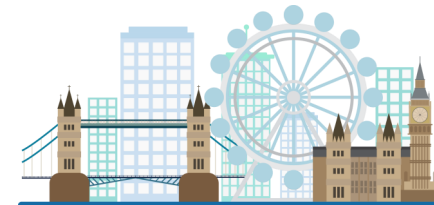## FLUENCY 3

Use the grid to calculate this multiplication.

	5	8	3	4
×				6

×				

FLUENCY 4

Darcey is travelling to her aunt's who lives 688 km away in London.

Petrol for her car works out at 8p per km.

How much will it cost Darcey to drive there and back?

FLUENCY TASKS

REASONING 1

Always, Sometimes or Never true?
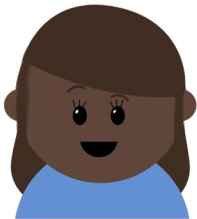
> If you multiply a 4-digit number by a 1-digit number, the answer will have only 4 digits.

Explain your reasoning!

REASONING 2

Spot the mistake.

$$2,415 \times 3 = 612,315$$

TH	H	T	O
1000 1000	100 100 100 100	10	1 1 1 1 1
1000 1000	100 100 100 100	10	1 1 1 1 1
1000 1000	100 100 100 100	10	1 1 1 1 1

REASONING 3

Convince Me

Use Base 10 materials to show that...

$$1,426 \times 4 = 5,704$$
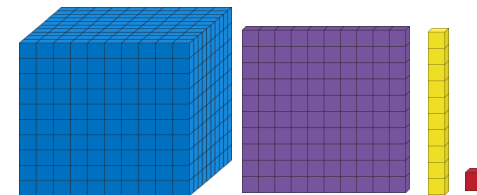
REASONING 4

What is Ranjit's number?

> I'm thinking of a number. When I divide it by 6, the answer is 4,523.

Explain how you know.

REASONING TASKS

PROBLEM SOLVING TASKS

PROBLEM SOLVING 1

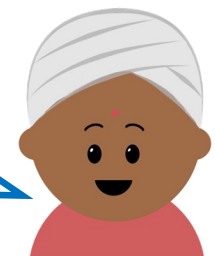**Fill in the missing numbers using the digit cards.**

×	?000	?00	?	?
?	12,000	600	0	18

0 **2** **3** **3** **4** **6** **9**
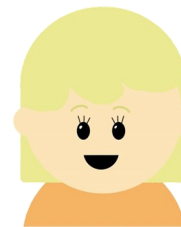
Jerry thinks there are two different solutions.

Do you agree?
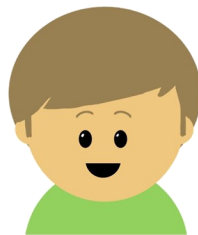
PROBLEM SOLVING 2

Using any digits, can you find a solution?

$$\begin{array}{r} \square\,\square\,\square\,\square \\ \times \qquad\quad \square \\ \hline 2\ 0\ 6\ 6\ 4 \end{array}$$

Are there multiple possibilities for what the calculation could be?