



FLUENCY 1

Use the PV chart to calculate $679 \div 1,000$

TH	H	T	O	t	h	th
	6	7	9	.		

When we divide by 1,000, the digits move _____ spaces to the _____.

FLUENCY 2

Match the calculation to the answer.

$7,600 \div 10$
$76,000 \div 1000$
$760,000 \div 1000$
$7,600,000 \div 1000$
$760,000 \div 100$
$76,000 \div 10$

0.76
7.6
76
760
7,600
76,000

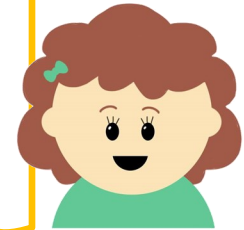
FLUENCY 3

Help Darcey to complete the following calculations:

$$420,000 \div 10 \div 10 = ?$$

$$67,000 \div 10 \div 100 = ?$$

$$360,000 \div 100 \div 10 = ?$$



How else could you write these calculations?

FLUENCY 4

Caleb has made 13,817ml of mocktail to sell at the Summer Fayre.



How much mocktail has he made in litres?





REASONING 1

Which would you rather have?

$£7,500 \div 10$

or

$£75,000 \div 1,000$

Explain why?

REASONING 2

True or False?

$146 \div 100$	=	$14,600 \div 1,000$
$9,870 \div 10$	>	$98,700 \div 100$
$76,720 \div 100$	<	$760,720 \div 10$

Convince me.

REASONING 3

Always, Sometimes or Never true

When you divide a two-digit number by 10, the answer will have a decimal point.

Prove your answer with examples!

REASONING 4

Jane is using a Gattegno chart. She says:

“When I divide by 10, each counter moves up one row.”



1	2	3	4	5	6	7	8	9
10	20	30	40	50	60	70	80	90
100	200	300	400	500	600	700	800	900
1000	2000	3000	4000	5000	6000	7000	8000	9000
10000	20000	30000	40000	50000	60000	70000	80000	90000

Do you agree with Jane? Explain your reasoning!





PROBLEM SOLVING 1

Here are some answers to division calculations:

6,700

371

92

0.651

254.3

What could the calculations have been?

PROBLEM SOLVING 2

Alfie thinks of a 5-digit number.

When he divides it by 1,000 the answer has a decimal.

In his new number, the thousandths and the tenths digit are the same.

The number's digit sum is 14.

What could Alfie's number have been?

