FLUENCY 1

The largest digit that can be in each column is _____ .

FLUENCY 2

Use the number line to solve the calculation
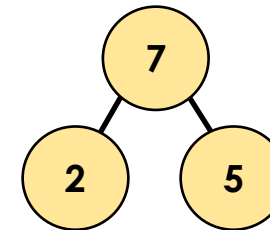
558 + 6

56 57 58 59 60 61 62 63 64 65 66
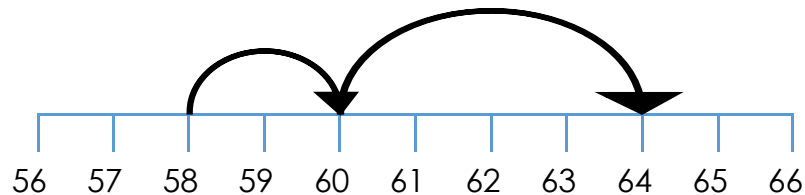
58 + ____ = 60

60 + 4 = ____

558 + ____ = ____

FLUENCY 3

Partition 7 to help you calculate 468 + 7

7

2   5

468 + 2 = _____

____ + 5 = _____

FLUENCY 4

Use a part whole model to partition and find the answer to these calculations.

267 + 8 =

532 + 9 =

318 + 6 =

FLUENCY TASKS
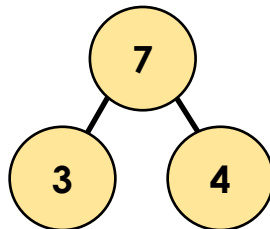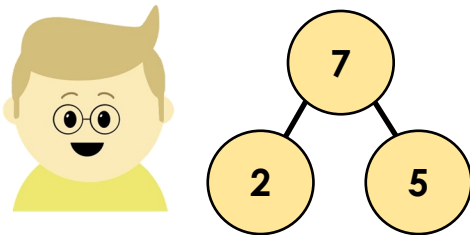
REASONING TASKS

REASONING 1

The children partitioning to solve the calculation

$$457 + 7$$

Alfie
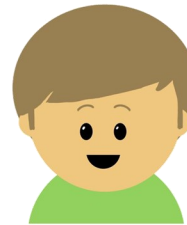
7
2   5

Millie

7
3   4

Who has partitioned the number correctly to help them?

Show how they can use it to solve the calculation.

REASONING 2

Jerry thinks...

234 + 3 =
is easier to work out than...
506 + 8 =

Can you explain why?

REASONING 3

Which is the odd one out?

| 345 + 7 | 682 + 7 | 834 + 5 |

Explain why!

REASONING 4

Always, Sometimes or Never?

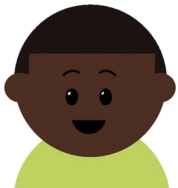**Only the ones column changes when we add single digits.**

PROBLEM SOLVING 1

Investigate!

When 9 and 4 are added together in the ones column, the ones digit in the answer will always be 3.

What other two digits would always give a 3 in the ones column when added?

PROBLEM SOLVING 2

Asha adds a 1-digit number to her 3-digit number.

Here is her answer.

Hundreds	Tens	Ones

What might the calculation be?

Explore all possibilities.

Did you spot any patterns?