Short Division

LO: I can use the short division written method without remainders.
BLP: Making links 2

- **Fluency**
- 755 ÷ 5 =
- 258 ÷ 3 =
- 384 ÷ 6 =
- 994 ÷ 7 =
- 441 ÷ 9 =
- **Fluency**
- 2910 ÷ 5 =
- 4912 ÷ 8 =
- 2205 ÷ 9 =
- 27620 ÷ 4 =
- 316816 ÷ 8 =

Fluency

True or false?

$$
\begin{array}{r}
2\ \ 2\ \ 3 \\
4\,|\,\overline{8\ \ 9\ \ {}^{1}2}
\end{array}
$$

$$
\begin{array}{r}
3\ \ 6\ \ 4 \\
3\,|\,\overline{9\ \ 7\ \ {}^{1}2}
\end{array}
$$

There are 6 cars on a lorry. How many lorries are needed to transport 324 cars to the showroom?

There are 8 bananas in a bunch. How many bunches are needed if 448 children are to have a banana each?

LO: I can use the short division written method with remainders.
BLP: Noticing 4 Making links 2

- **Fluency**
- 9532 ÷ 3 =
- 8695 ÷ 7 =
- 5628 ÷ 9 =
- 2816 ÷ 6 =
- 30492 ÷ 8 =
- **Fluency**
- 36746 ÷ 12 =
- 62718 ÷ 5 =
- 78310 ÷ 7 =
- 89002 ÷ 3 =
- 1370877 ÷ 4 =

Fluency

True or false?

```
      1  2  5  4          2  3  1  8
  6 | 7 ⁱ5 ³2 ²4      4 | 9 ⁱ2  3 ³2
```

There are 5 lollipops in a pack. How many packs are needed if 2,481 children are to have a lollipop each?

There are 4 cakes in a box. If 3,457 visitors are expected at the event, how many boxes of cakes are needed so there is enough for every one?

Reasoning and Problem solving – short division
BLP: Making links 4, Reasoning 4

Reasoning

Identify the odd one out and explain why it is.

624 ÷ 4 = ☐
936 ÷ 6 = ☐
495 ÷ 3 = ☐
780 ÷ 5 = ☐

4,059 ÷ 9 = ☐
4,950 ÷ 11 = ☐
5,412 ÷ 12 = ☐
1,353 ÷ 3 = ☐

Reasoning

Asha knows she has made a mistake in the calculation. Explain what she has done wrong and what her answer should be.

$$\begin{array}{r} 1\ 2\ 1 \\ 6\overline{)7\ 5^1\ 6^3} \end{array}$$

Mason knows he has made a mistake. Find the error and explain what he did wrong and what the answer should be.

$$\begin{array}{r} 2\ 5\ 3 \\ 3\overline{)7\ 6^1\ 2^1} \end{array}$$

Problem Solving

Use the digit cards to complete the calculation.

$$\begin{array}{r} 1\ 7\ 1 \\ 4\overline{)\square\ 8\ \square} \end{array}$$

$$\begin{array}{r} 0\ 3\ \square\ \square \ _{r10} \\ 11\overline{)\square\ 9\ 4\ 8} \end{array}$$

☐ 4 ☐ 6

☐ 8 ☐ 3 ☐ 5