

Mental or written?

$$246 + 52 = 298$$

$$534 + 410 = 944$$

$$640 + 120 = 760$$

$$562 + 278 = 840$$

$$538 + 213 = 751$$

$$478 + 264 = 742$$

$$348 + 201 = 549$$

$$348 + 29 = 377$$

Answers may vary.

- 1 Draw a circle around the additions you would choose to work out using a mental method.
- 2 Draw a rectangle around the additions you would choose to work out using a written column method.

Work it out

Choose three of the mental additions to work out.

3

4

5

Accept any suitable answers.

Choose three of the written column additions to work out.

6

7

8

Accept any suitable answers.

Write two more additions you would choose to work out mentally, and find the answers.

9

10

Accept any suitable answers.

Work it out

Write two more additions you would choose to work out using written column addition, and find the answers.

11

12

Accept any suitable answers.

Addition challenge!

- 13 Joy starts with 457 and adds a number to give an answer more than 700. The number she added was less than 300. What is the smallest number it could be?

$$457 + 2 \begin{array}{|c|} \hline 4 \\ \hline \end{array} \begin{array}{|c|} \hline 4 \\ \hline \end{array} > 700$$



What do the hundreds add to? So what do the tens need to add to? And the ones?

I found this:



Easy



Challenging



I needed help