

# Efficient Subtraction

1. Solve the calculation.

$$2,405 - 1,205 = \boxed{\phantom{0000}}$$

Which method did you use?

2. Show three different methods to solve the calculation below.

$$5,293 - 1,959$$

3. There are 3,457 cars in the car park. 1,046 cars leave the car park. How many cars remain? Use an efficient method to solve the word problem.

4. Write each subtraction next to method you think is the most efficient in the table below.

$$7,835 - 6,804$$

$$2,347 - 1,847$$

$$8,394 - 3,023$$

Counting On	
Column Method	
Partitioning	

5. Check the calculation below.

$$\begin{array}{r} 8 \ 9 \ 7 \ 0 \\ - 7 \ 5 \ 7 \ 0 \\ \hline 1 \ 4 \ 0 \ 0 \end{array}$$

Is this method efficient? Create another calculation where the column method is efficient.

6. Do you agree with Alan? Explain your reasoning.



You should use the column method to check any subtraction.

7. Ivy and Ted are solving  $7,283 - 5,179$ .

Ivy



I'll add 1 to both then partition and subtract.

Ted



I'm going to count on using a number line.

Complete  $7,283 - 5,179$  using both strategies. Which was quickest? Why?