

A different calculation method will be used in this activity. In addition, estimate answers to the problems before doing the actual calculation. To estimate, round off each number to the nearest 1 000 and subtract.

Example: $1\ 988 - 1\ 302 = \square$

$$1\ 998 \approx 2\ 000 \text{ and } 1\ 302 \approx 1\ 000$$

$$2\ 000 - 1\ 000 = 1\ 000$$

$$1\ 988 - 1\ 000 = 988$$

$$988 - 300 = 688$$

$$688 - 2 = 686$$

The actual answer should be about 1 000.

Break up only the second number and subtract its parts, hundreds, tens then units. What's left is the final answer to the subtraction problem.

688 - 0 = 688 has been left out.

The method above will be used to calculate four-digit number calculations.

$$3\ 451 - 1\ 259 = \square$$

$$3\ 451 \approx 3\ 000 \text{ and } 1\ 259 \approx 1\ 000$$

$$3\ 000 - 1\ 000 = 2\ 000$$

$$3\ 451 - 1\ 000 = 2\ 451$$

$$2\ 451 - 200 = 2\ 251$$

$$2\ 251 - 50 = 2\ 201$$

$$2\ 201 - 9 = 2\ 192$$

Activity 3

1. Use ANY method to calculate the answers to the following problems. Show all the working out.

a. $7\ 230 - 5\ 366 = \square$

d. $3\ 107 - 2\ 664 = \square$

g. $4\ 181 - 3\ 219 = \square$

b. $9\ 671 - 8\ 147 = \square$

e. $6\ 472 - 4\ 485 = \square$

h. $2\ 374 - 1\ 658 = \square$

c. $2\ 352 - 1\ 785 = \square$

f. $7\ 321 - 6\ 520 = \square$

i. $9\ 683 - 7\ 709 = \square$