

Notes: One thousand sums

9 to 11

Solution

1 $386 + 614$
 $462 + 538$

2 There are seven ways altogether, giving plenty of scope to choose three.

$72 + 241 + 687$
 $72 + 390 + 538$
 $185 + 201 + 614$
 $185 + 277 + 538$
 $185 + 390 + 425$
 $277 + 333 + 390$
 $281 + 333 + 386$

3 There are five ways altogether from which to choose four.

$72 + 185 + 281 + 462$
 $72 + 185 + 318 + 425$
 $72 + 277 + 318 + 333$
 $185 + 201 + 281 + 333$
 $201 + 241 + 277 + 281$

Notes

One way to start is to look at the units digits. Can you see a set of numbers whose units digits add up to 10?

Then look at the tens and units. Can you see a set of numbers whose tens and units add up to 100?

Use knowledge of number bonds
Add three-digit numbers