Adding and subtracting 1s, 10s, 100s, 1000s and 10,000s
Sheet 2

$32,473 + 2 =$ $32,473 + 20 =$ $32,473 + 200 =$ $32,473 + 2000 =$ $32,473 + 20,000 =$

$97,657 - 4 =$ $97,657 - 40 =$ $97,657 - 400 =$ $97,657 - 4000 =$ $97,657 - 40,000 =$

$24,734 + 200 =$ $24,734 + 50 =$ $24,734 + 40,000 =$ $24,734 + 3000 =$ $24,734 + 5 =$

$85,346 - 30,000 =$ $85,346 - 20 =$ $85,346 - 4000 =$ $85,346 - 200 =$ $85,346 - 4 =$

Challenge

Start with 22,222 and throw a die. Every time you throw, you can add that number of 1s, 10s, 100s, 1000s, 10,000s or 100,000s. For example, if you throw a 3, you add 3000 to 22,222. The aim is to get exactly 99,999 but you must not go over! Estimate first how many throws it will take. Then try. Now estimate again, and try again.

Further challenge: What is the best possible combination of throws to get from 22,222 to 99,999 in the shortest time?