ubtraction targets

ubtract whole numbers with up to 6 digits using the
ormal written method

You will need:
• 0–9 dice

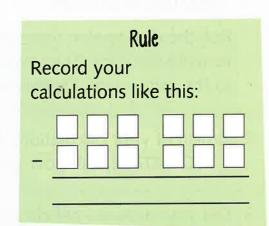**1** Your target is to get an answer as close to 50 000 as possible.

Roll the dice ten times and decide where to write the digit. Then work out the answer to the calculation. Do this ten times.

Rule
Record your calculations like this:

□□ □□□
− □□ □□□
_____

2 Which of your calculations is closest to 50 000?

1 Your target is to get an answer as close to 400 000 as possible.

Roll the dice twelve times and decide where to write the digit. Then work out the answer to the calculation. Do this ten times.

Rule
Record your calculations like this:

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2 Which of your calculations is closest to 400 000? Explain how you know.

3 Play this game with a partner.

- Write out an empty 6-digit – 6-digit calculation like the one shown in Question 1.
- Both choose your own target number.
- Take turns to roll the dice and decide where to write the digit in the empty calculation.
- When the calculation is complete, work out the answer.
- The winner is the player whose answer is closest to their target number. Play five rounds.

Challenge 3

1 Your target is to get an answer as close to 450 500 as possible.

Roll the dice twelve times and decide where to write the digit. Then work out the answer to the calculation. Do this ten times.

Rule
Record your calculations like this:

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2 Which of your calculations is closest to 450 500? Explain how you know.

3 Did your answers get closer to the target number the more calculations you did? Explain why or why not.

4 Design your own game involving subtracting 6-digit numbers using the written method. You could use dice or number cards or make a board game.