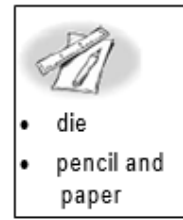


## 17 1, 10 and 100



- Roll a die three times and write down the numbers.
- Use the three numbers to make as many different 2-digit and 3-digit numbers as you can.
- What is 1, 10 and 100 more than your numbers?
- Write about any patterns you notice.
- Roll the die again and repeat.



- Roll the die four times to make as many different 2-digit, 3-digit and 4-digit numbers as you can. What is 1, 10 and 100 more than your numbers? What patterns do you notice?
- What about 1, 10 and 100 less than your numbers?

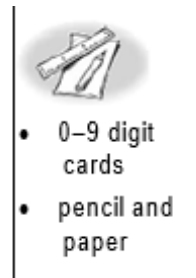


Use paper to create number digit cards to help you investigate the following problems.

## 24 2 numbers totalling 100



$$\square\square + \square\square = 100$$



- Investigate different ways of completing this addition statement using any four digit cards.
- You can only use each digit card once in each calculation.
- How many different calculations can you make?



- What if you could use each digit **more** than once in each calculation?

Challenge: use the same number cards to solve the number sentence below. What do you notice between the two number sentences.

$$\square\square\square + \square\square\square = 1000$$