

Maths Mastery

Read, Write, Order and Compare
Numbers up to 1 000 000



Read

Work with a partner:

One partner writes down a six-digit number.

The other reads the number.

If they read it correctly, they write a number for the first partner.

Include some zeros to challenge.



Write

Work with a partner:

One partner writes down a hidden six-digit number and reads it for the other.

The other partner writes it down. Check the numbers match.

If they are the same, swap roles.

If incorrect, check it has been read correctly.



Order

Put these numbers from smallest to largest:

212111	211211	211121	222121
122212	112122	221212	121111
211212	121222	112222	212112
211111	111222	122221	112121
121212	111221	222111	122112
212121	121121	211122	212221
122111	111211	221221	222122
122121	111122	122211	111121
121112	121221	211222	221122
221211	211221	112111	112211
211112	221112	111212	112221
112212	111112	221111	221222
111111	121211	112112	212122
222112	212222	222221	212211
222222	221121	122222	122122
212212	121122	222212	222211



Order Answers

11111	121121	211211	221221
11112	121122	211212	221222
11121	121211	211221	222111
11122	121212	211222	222112
11211	121221	212111	222121
11212	121222	212112	222122
11221	122111	212121	222211
11222	122112	212122	222212
112111	122121	212211	222221
112112	122122	212212	222222
112121	122211	212221	
112122	122212	212222	
112211	122221	221111	
112212	122222	221112	
112221	211111	221121	
112222	211112	221122	
121111	211121	221211	
121112	211122	221212	



Compare

Work with a partner:

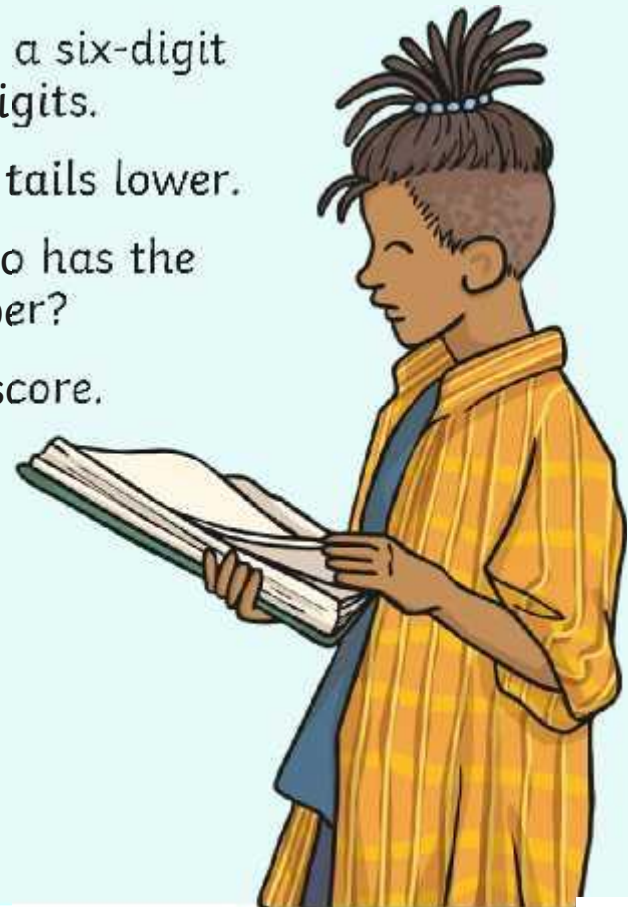
Choose six digit cards each.

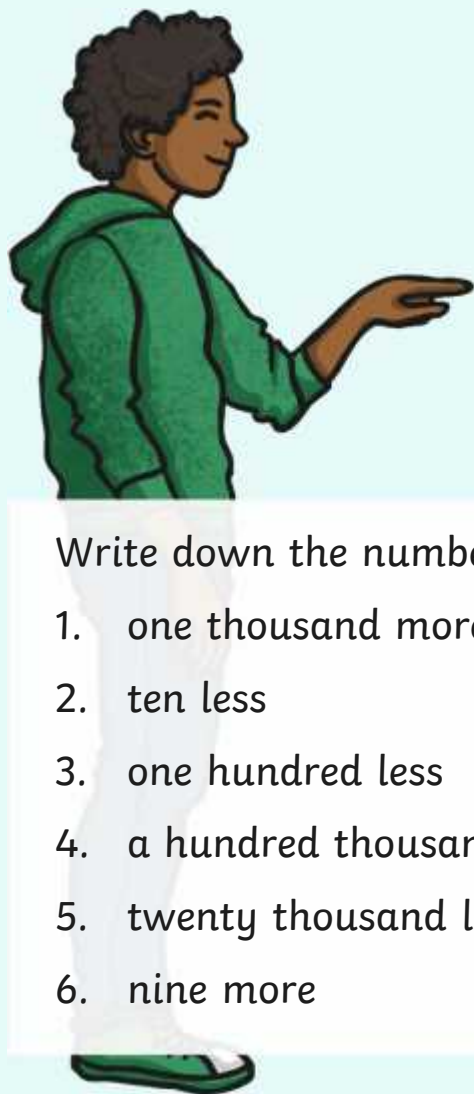
Both partners write and hide a six-digit number using the six digits.

Toss a coin – heads is higher, tails lower.

Compare the numbers – who has the higher or lower number?

Remember to keep the score.





Value

Here is a 6-digit number:

123 456

Write down the numbers that are:

1. one thousand more **124 456**
2. ten less **123 446**
3. one hundred less **123 356**
4. a hundred thousand more **223 456**
5. twenty thousand less **103 456**
6. nine more **123 465**

With a calculation, how can you reverse the last:

- three digits **+ 198**
- four digits **+ 3087**
- five digits **+ 41 976**
- six digits **+ 530 865**

