Compare and order numbers to 100,000

1 Rosie and Jack have each made a number.
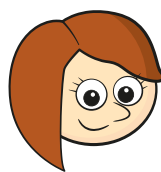
Rosie's number

TTh	Th	H	T	O
●●●● ●●●● ●●	●●	●●●●	●●	●●●● ●●

Jack's number

TTh	Th	H	T	O
●●●● ●●●● ●●	●●● ●●	●●●●	●●	●●●● ●●●● ●●

a) Who has made the greater number? _____

How do you know?

_____

_____

b) Draw counters on the place value chart to show a number that is greater than both Rosie's and Jack's.

TTh	Th	H	T	O

2 Use five counters to make four different numbers on a place value chart.

a) Write your numbers.

_____

_____

b) Write your numbers in order from smallest to greatest.

_____

_____

Talk to a partner about how you ordered your numbers.

3 Circle the greater number in each pair.

a) 10,000   1,000   **d)** 5,400   4,500

b) 2,300   3,200   **e)** 56,000   6,500

c) 34,975   9,345   **f)** 9,999   99,999

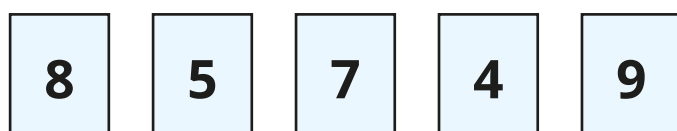**4** Write the numbers in order, starting with the smallest.

a) 9,000   908   972   99   90,000

_____

b) 700   72   576   907   27

_____

5 Write <, > or = to compare the numbers.

a) 908 ◯ 909 **e)** 200 ◯ 29

b) 81,227 ◯ 80,999 **f)** 300 + 27 ◯ 200 + 127

c) 7,163 ◯ 7,262 **g)** 4,000 + 10,000 ◯ 13,000

d) 982 + 1 ◯ 984 – 1 **h)** 19,000 + 70 + 200 ◯ 19,270

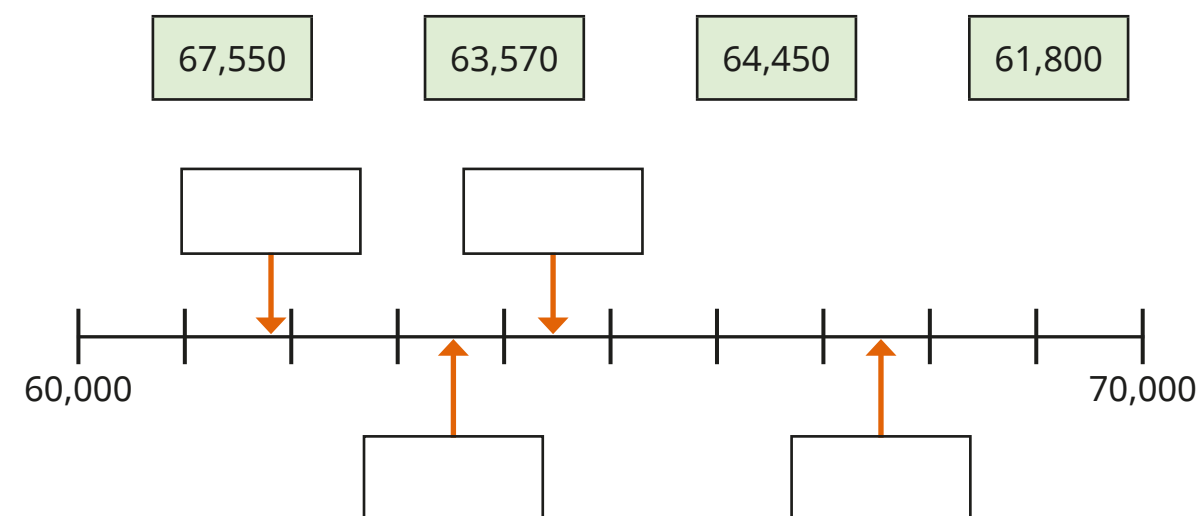**6** Here are five digit cards.

| 8 | 5 | 7 | 4 | 9 |

a) How many different 5-digit numbers can you make between 50,000 and 55,000 using the digit cards?

_____

_____

_____

b) Write your answers in descending order.

_____

_____

7 Write <, > or = to compare the numbers.

a) XXVII ◯ 10 1 1 / 10 1 1 / 1

b) 10 1 1 1 1 1 / 1 1 1 1 ◯ XCI

8 Use the numbers to label the number line.

| 67,550 | 63,570 | 64,450 | 61,800 |

What do you notice?

9 There is a digit missing from each statement.
Write all the possible digits that could make each statement correct.

a) 9,751 < 9,_83 _____

b) 9,751 < 9,_15 _____

c) 9,751 < 9,7_6 _____