Compare and order numbers to one million

1   Here are two numbers made on a place value chart.

A

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

B

HTh	TTh	Th	H	T	O
	●● ●				

Dani says A is bigger than B because A uses more counters.

Explain why Dani is wrong.

2   Circle the smallest number in each pair.

a)   15,200   10,000

b)   174,000   300,000

c)   50,000   49,995

d)   80,000   8,000

e)   365,008   1 million

3   a)   Write the numbers from smallest to greatest.

   7,906   7,960   7,096   7,069

   _____

   _____

b)   Write the numbers from greatest to smallest.

   7,906   7,960   7,096   7,069

   _____

   _____

c)   What do you notice about your answers to part a) and b)?

   _____

   _____

4   Circle the greatest number in each list.

a)   16,578   19,207   18,011   13,999

b)   17,096   17,045   17,088   17,099

c)   23,412   33,508   43,409   13,061

Which columns did you look at? Why?

   _____

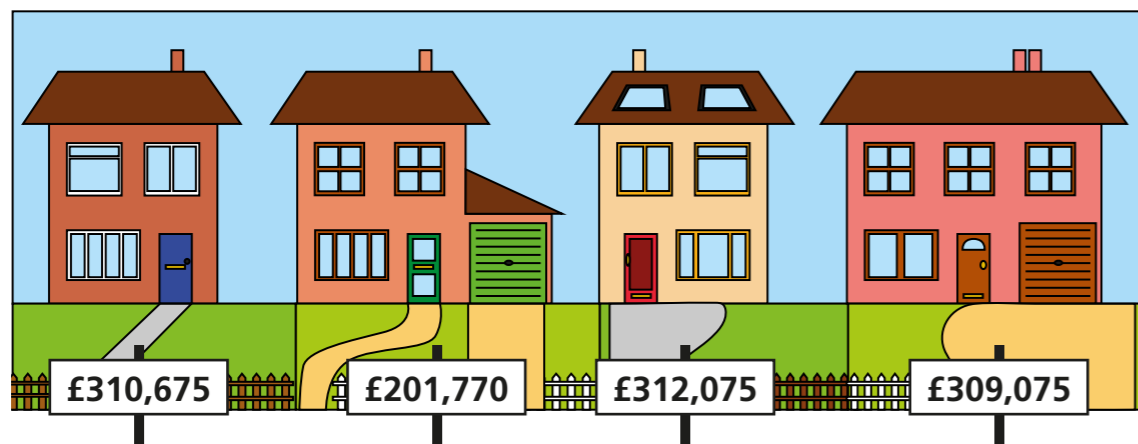   _____

5 Write < or > to compare the pairs of numbers.

a) 3,500 ◯ 3,400   **c)** 62,500 ◯ 65,200

b) 5,400 ◯ 4,500   **d)** 147,500 ◯ 145,700

6

£310,675   £201,770   £312,075   £309,075

Put the house prices in order from least expensive to most expensive.

least expensive   **most expensive**

☐ < ☐ < ☐ < ☐

7 Put the number cards in order from smallest to greatest.

| 557,450 | 575,540 | 755,540 | 455,705 |

☐ < ☐ < ☐ < ☐

8 Whitney is sorting some numbers.

She puts the numbers into a sorting diagram.

numbers less than 70,000   numbers greater than 120,000
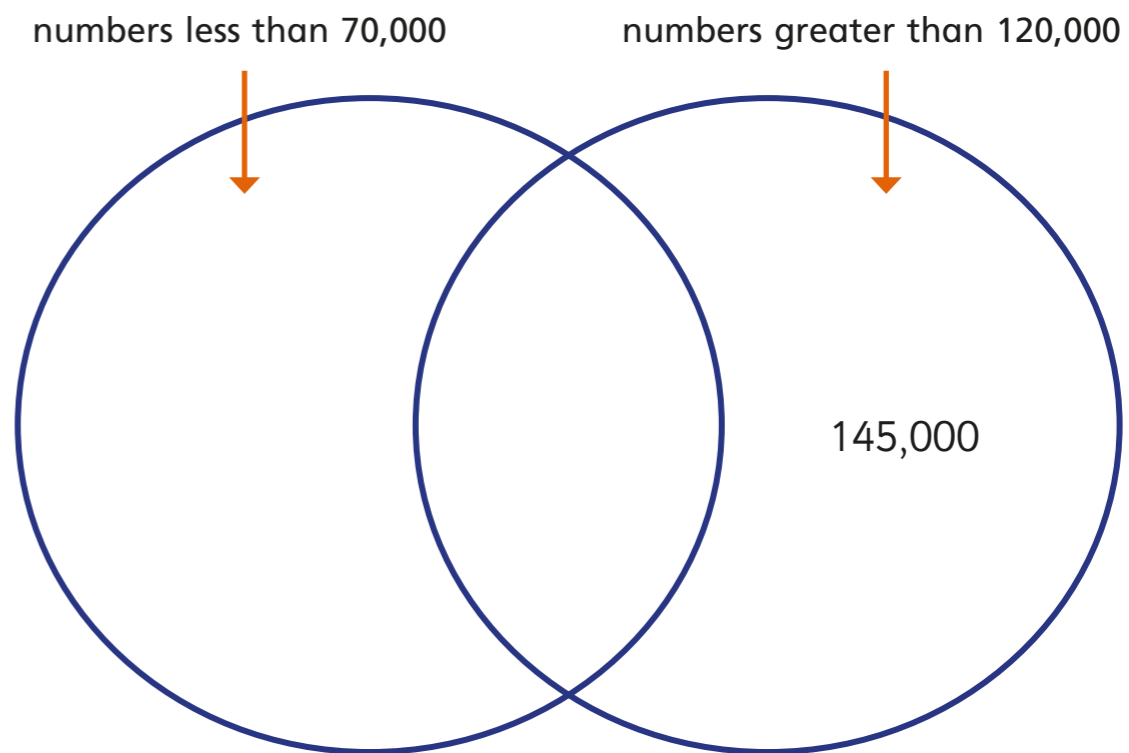
145,000

a) Write the numbers on the diagram.

The first one has been done for you.

145,000   **three hundred thousand**   **799**

85,400   **62,000**   **620,000**

b) Are there any numbers in the overlapping section? Explain why.

9 **a)** Circle all the digits that can replace the missing digit.

$275,118 > 27\_\_,024$

0   1   2   3   4   5   5   7   8   9

b) The same digit is missing in each number.

$600,00\_\_ < \_\_79,466 < 9\_\_1,255$

Circle all the digits it could be.

0   1   2   3   4   5   5   7   8   9