

Name: key

Show all work clearly and in order.

1. Write a sentence using the number 20 in each of the following ways:

(a) As a cardinal number:

There are 20 cars in the parking lot.

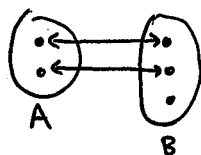
(b) As an ordinal number:

The entry is on page 20.

(c) As an identification number:

Player 20 scores a goal!

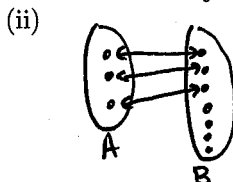
2. Show
- $2 < 3$
- using the set method (you may draw a picture, but write a sentence for why your answer is correct).



- A is equivalent to a proper subset of B. Also, A has 2 elements ($2 = n(A)$) and B has 3 elements ($3 = n(B)$). Hence $2 < 3$.

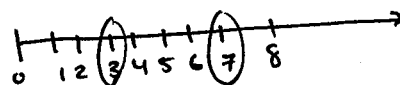
3. Show that 3 is less than 7 in three different ways.

(i) "three" is before "seven" in the counting chart



$n(A) = 3$
 $n(B) = 7$
 A is equivalent to a proper subset of B.
 Hence $3 < 7$.

(iii)



3 is close to 0 than 7 on a number line.
 So 3 is less than 7.

4. Find the value of the Roman numeral MCMLXII.

$$1000 + 900 + 50 + 10 + 2 = 1962$$

5. Write 1653 in Roman numerals.

MDCLIII

6. Write 2324 in Egyptian numerals.