Exercise 4

In the following exercises, determine which of the following numbers are (a) counting numbers (b) whole numbers.

$$0, \ \frac{3}{5}, \ 10, \ 303, \ 422.6$$

Solution

The counting numbers are the natural numbers: $1, 2, 3, \ldots$.

The whole numbers are the counting numbers and zero: $0, 1, 2, 3, \ldots$.

Therefore, 10 and 303 are counting numbers, and 0 and 10 and 303 are whole numbers.