

## Exercise 1

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

$$0, \frac{2}{3}, 5, 8.1, 125$$

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### Solution

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

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

Therefore, 5 and 125 are counting numbers, and 0 and 5 and 125 are whole numbers.