

① 0 is a rational number.

$0 = \frac{0}{1}$ which is of the form $\frac{p}{q}$ where p, q are integers and $q \neq 0$.

② 3, 4

$$= \frac{3}{1}, \frac{4}{1}$$

$$= \frac{3}{1} \times \frac{10}{10}, \frac{4}{1} \times \frac{10}{10}$$

$$= \frac{30}{10}, \frac{40}{10}$$

required rational numbers

$$\frac{31}{10}, \frac{32}{10}, \frac{33}{10}, \frac{34}{10}, \frac{35}{10}, \frac{36}{10}$$

③ $\frac{3}{5}, \frac{4}{5}$

$$= \frac{3}{5} \times \frac{10}{10}, \frac{4}{5} \times \frac{10}{10}$$

$$= \frac{30}{50}, \frac{40}{50}$$

required rational numbers

$$\frac{31}{50}, \frac{32}{50}, \frac{33}{50}, \frac{34}{50}, \frac{35}{50}$$

4① Every natural number is a whole number.

True.

whole numbers are natural numbers and zero