

Ex 1.1 Ch-1 Number Systems

Q1 Write the definition of Rational number also give some examples

Q2 Is zero a rational number? Can you write it in the form of $\frac{p}{q}$, where p & q are integers and $q \neq 0$

Q3 Find six rational numbers between $\frac{3}{5}$ and $\frac{4}{5}$

Q4 Find 10 rational numbers between 4 and 5

Q5 What is an irrational number? write any five irrational numbers.

Q6 Find two irrational numbers between $\frac{1}{7}$ and $\frac{1}{5}$

Q7 Find any seven rational numbers between

$$\frac{1}{4} \text{ and } \frac{2}{5}$$

Q8 State whether the following statements are true or false. Give reasons also

① Every natural number is a whole number

② Every integer is a whole number.

③ Every rational number is a whole number

→ Do all sums in fair notebook. ←