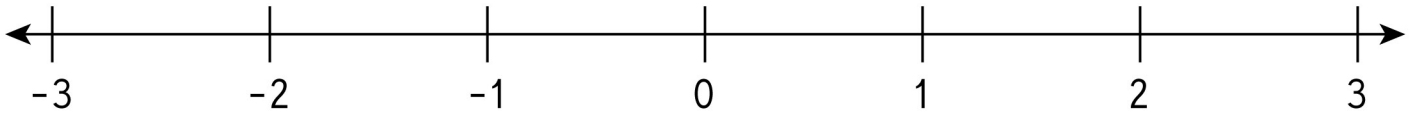


Rational Numbers on a Number Line

Identify the rational numbers and write them in the box. Also mark them on the given number line.

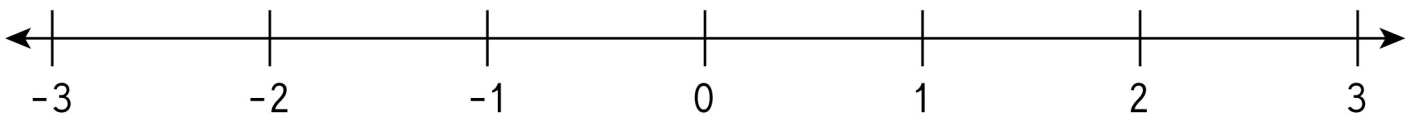
1. i) $\sqrt{9}$, ii) $-\frac{2}{3}$, iii) $\sqrt{3}$, iv) $\frac{\pi}{2}$, v) 2.5, vi) 1.333....

Here, the rational numbers are



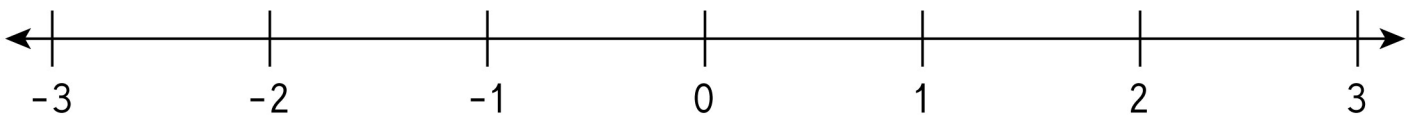
2. i) 1.357942..., ii) $-1\frac{2}{5}$, iii) $-\sqrt{4}$, iv) $\frac{5}{7}$, v) 2.63

Here, the rational numbers are



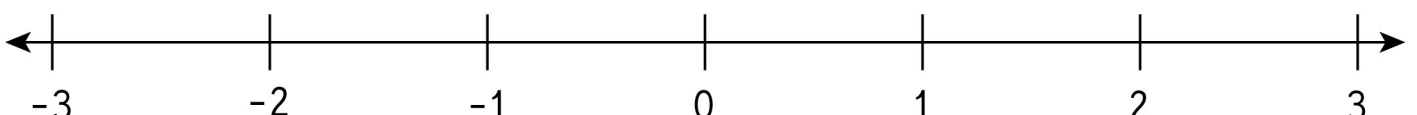
3. i) $\frac{8}{5}$, ii) $-\frac{5\pi}{3\pi}$, iii) $\sqrt{6}$, iv) $\sqrt{1}$, v) -2.926537....

Here, the rational numbers are



4. i) 0.25, ii) 1.61803398..., iii) -1.111..., iv) $\frac{9}{7}$, v) $\frac{\pi}{4}$

Here, the rational numbers are



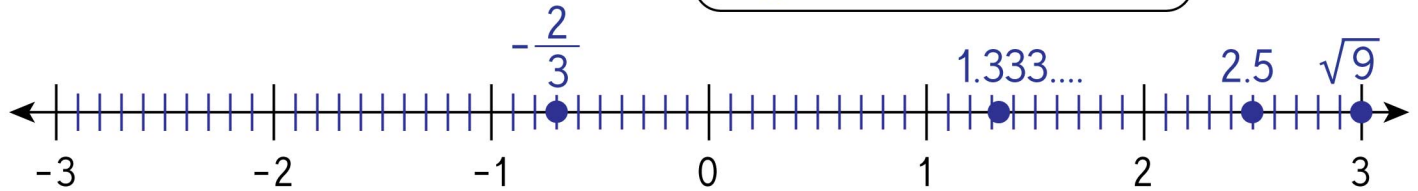
Rational Numbers on a Number Line

Answers

1. i) $\sqrt{9}$, ii) $-\frac{2}{3}$, iii) $\sqrt{3}$, iv) $\frac{\pi}{2}$, v) 2.5, vi) 1.333....

Here, the rational numbers are

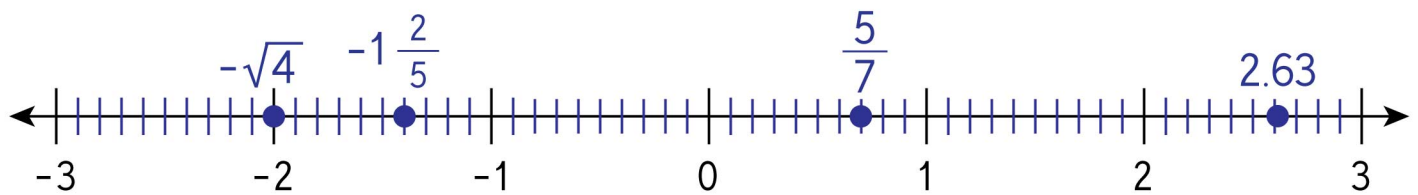
$$-\frac{2}{3}, 1.333\dots, 2.5, \sqrt{9}$$



2. i) 1.357942...., ii) $-1\frac{2}{5}$, iii) $-\sqrt{4}$, iv) $\frac{5}{7}$, v) 2.63

Here, the rational numbers are

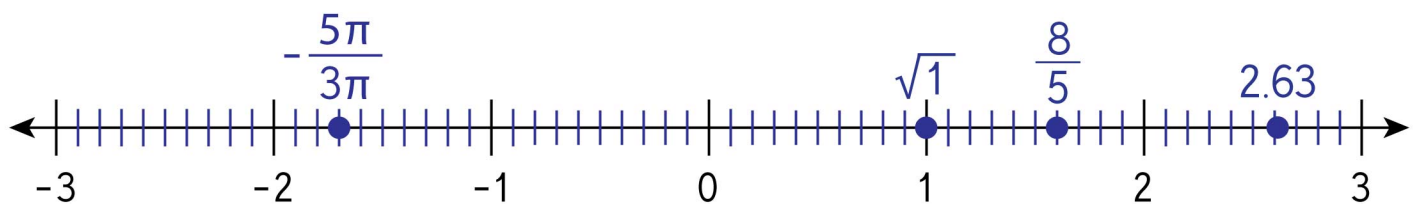
$$-1\frac{2}{5}, -\sqrt{4}, \frac{5}{7}, 2.63$$



3. i) $\frac{8}{5}$, ii) $-\frac{5\pi}{3\pi}$, iii) $\sqrt{6}$, iv) $\sqrt{1}$, v) -2.926537....

Here, the rational numbers are

$$\frac{8}{5}, -\frac{5\pi}{3\pi}, \sqrt{1}$$



4. i) 0.25, ii) 1.61803398...., iii) -1.111...., iv) $\frac{9}{7}$, v) $\frac{\pi}{4}$

Here, the rational numbers are

$$0.25, -1.111\dots, \frac{9}{7}$$

