



Exercise 5A

Q1

Answer :

(i) The shaded portion is 3 parts of the whole figure.

$$\therefore \frac{3}{4}$$

(ii) The shaded portion is 1 parts of the whole figure.

$$\therefore \frac{1}{4}$$

(iii) The shaded portion is 2 parts of the whole figure.

$$\therefore \frac{2}{3}$$

(iv) The shaded portion is 3 parts of the whole figure.

$$\therefore \frac{3}{10}$$

(v) The shaded portion is 4 parts of the whole figure.

$$\therefore \frac{4}{9}$$

(vi) The shaded portion is 3 parts of the whole figure.

$$\therefore \frac{3}{8}$$

Q3

Answer :

The given rectangle is not divided into four equal parts.

Thus, the shaded region is not equal to $\frac{1}{4}$ of the whole.

Q4

Answer :

- (i) $\frac{3}{4}$ (ii) $\frac{4}{7}$ (iii) $\frac{2}{5}$ (iv) $\frac{3}{10}$ (v) $\frac{1}{8}$
(vi) $\frac{5}{6}$ (vii) $\frac{8}{9}$ (viii) $\frac{7}{12}$

Q5

Answer :

Numerator	Denominator
(i) 4	9
(ii) 6	11
(iii) 8	15
(iv) 12	17
(v) 5	1

Q6

Answer :

- (i) $\frac{3}{8}$ (ii) $\frac{5}{12}$ (iii) $\frac{7}{16}$ (iv) $\frac{8}{15}$

Q7

Answer :

- (i) two-thirds
- (ii) four—ninths
- (iii) two—fifths
- (iv) seven—tenths
- (v) one—thirds
- (vi) three—fourths
- (vii) three—eighths
- (viii) nine—fourteenths
- (ix) five—elevenths
- (x) six—fifteenths

Q8

Answer :

We know: 1 hour = 60 minutes

$$\therefore \text{The required fraction} = \frac{24}{60} = \frac{2}{5}$$

***** END *****