



Exercise 4A

(iv) $\frac{4}{-9}$

(v) -6

(vi) $\frac{1}{-2}$

Q7

Answer :

(i) Following are the four rational numbers that are equivalent to $\frac{6}{11}$.
 $\frac{6 \times 2}{11 \times 2}$, $\frac{6 \times 3}{11 \times 3}$, $\frac{6 \times 4}{11 \times 4}$ and $\frac{6 \times 5}{11 \times 5}$

i.e. $\frac{12}{22}$, $\frac{18}{33}$, $\frac{24}{44}$ and $\frac{30}{55}$

(ii) Following are the four rational numbers that are equivalent to $\frac{-3}{8}$.
 $\frac{-3 \times 2}{8 \times 2}$, $\frac{-3 \times 3}{8 \times 3}$, $\frac{-3 \times 4}{8 \times 4}$ and $\frac{-3 \times 5}{8 \times 5}$

i.e. $\frac{-6}{16}$, $\frac{-9}{24}$, $\frac{-12}{32}$ and $\frac{-15}{40}$

(iii) Following are the four rational numbers that are equivalent to $\frac{7}{-15}$.
 $\frac{7 \times 2}{-15 \times 2}$, $\frac{7 \times 3}{-15 \times 3}$, $\frac{7 \times 4}{-15 \times 4}$ and $\frac{7 \times 5}{-15 \times 5}$

(iv) Following are the four rational numbers that are equivalent to 8, i.e. $\frac{8}{1}$.
 $\frac{8 \times 2}{1 \times 2}$, $\frac{8 \times 3}{1 \times 3}$, $\frac{8 \times 4}{1 \times 4}$ and $\frac{8 \times 5}{1 \times 5}$

i.e. $\frac{16}{2}$, $\frac{24}{3}$, $\frac{32}{4}$ and $\frac{40}{5}$

(v) Following are the four rational numbers that are equivalent to -1, i.e. $\frac{1}{-1}$.
 $\frac{1 \times 2}{1 \times 2}$, $\frac{1 \times 3}{1 \times 3}$, $\frac{1 \times 4}{1 \times 4}$ and $\frac{1 \times 5}{1 \times 5}$

i.e. $\frac{2}{2}$, $\frac{3}{3}$, $\frac{4}{4}$ and $\frac{5}{5}$

(vi) Following are the four rational numbers that are equivalent to -1, i.e. $\frac{-1}{1}$.
 $\frac{-1 \times 2}{1 \times 2}$, $\frac{-1 \times 3}{1 \times 3}$, $\frac{-1 \times 4}{1 \times 4}$ and $\frac{-1 \times 5}{1 \times 5}$

i.e. $\frac{-2}{2}$, $\frac{-3}{3}$, $\frac{-4}{4}$ and $\frac{-5}{5}$

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