



Exercise 4A

Q8

Answer :

$$(i) \frac{12 \times (-1)}{(-17) \times (-1)} = \frac{-12}{17}$$

$$(ii) \frac{1 \times (-1)}{(-2) \times (-1)} = \frac{-1}{2}$$

$$(iii) \frac{-8}{-19} = \frac{-8 \times (-1)}{(-19) \times (-1)} = \frac{8}{19}$$

$$(iv) \frac{11 \times (-1)}{-6 \times (-1)} = \frac{-11}{6}$$

Q9

Answer :

(i) Numerator of $\frac{5}{8}$ is 5.

5 should be multiplied by 3 to get 15.

Multiplying both the numerator and the denominator by 3:

$$\frac{5 \times 3}{8 \times 3} = \frac{15}{24}$$

$$\frac{5}{8} = \frac{15}{24}$$

(ii) Numerator of $\frac{5}{8}$ is 5.

5 should be multiplied by -2 to get -10.

Multiplying both the numerator and the denominator by -2:

$$\frac{5 \times (-2)}{8 \times (-2)} = \frac{-10}{-16}$$

$$\frac{5}{8} = \frac{-10}{-16}$$

Q10

Answer :

(i) Denominator of $\frac{4}{7}$ is 7.

7 should be multiplied by 3 to get 21.

Multiplying both the numerator and the denominator by 3:

$$\frac{4 \times 3}{7 \times 3} = \frac{12}{21}$$

$$\frac{4 \times 3}{7 \times 3} = \frac{4}{7}$$

(ii)

Denominator of $\frac{4}{7}$ is 7.

7 should be multiplied by -5 to get -35.

Multiplying both the numerator and the denominator by -5:

$$\frac{4 \times (-5)}{7 \times (-5)} = \frac{-20}{-35}$$

$$\frac{4}{7} = \frac{-20}{-35}$$

Q11

Answer :

(i) Numerator of $\frac{-12}{13}$ is -12.

-12 should be multiplied by 4 to get 48.

***** END *****