Exercise 4A

$$\frac{13}{-8} = \frac{65}{-40}$$

(ii) Denominator of $\frac{13}{-8}$ is -8.

Clearly, $(-8)\times(-4) = 32$

Multiplying both the numerator and the denominator by -4:

$$\frac{13\times(-4)}{-8\times(-4)} = \frac{-52}{32}$$

$$\frac{13}{-8} = \frac{-52}{32}$$

Q15

Answer :

(i) Numerator of $\frac{-36}{24}$ is -36.

Clearly, $(-36) \div 4 = (-9)$

Dividing both the numerator and the denominator by 4:

$$\frac{-36 \div 4}{24 \div 4} = \frac{-9}{6}$$

(ii) Numerator of $\frac{-36}{24}$ is -36.

Clearly, $(-36) \div (-6) = 6$

Dividing both the numerator and the denominator by -6:

$$\frac{-36 \div (-6)}{24 \div (-6)} = \frac{6}{-4}$$

$$\frac{-36}{24} = \frac{6}{-4}$$

Q16

Answer :

(i) Denominator of $\frac{84}{-147}$ is -147.

$\therefore -147 \div (-21) = 7$

Dividing both the numerator and the denominator by -21:

$$\frac{84 \div (-21)}{-147 \div (-21)} = \frac{-4}{7}$$

$$\frac{84}{-147} = \frac{-4}{7}$$

(ii)Denominator of $\frac{84}{-147}$ is -147.

$-147 \div 3 = -49$

Dividing both the numerator and the denominator by 3:

$$\frac{84 \div 3}{-147 \div 3} = \frac{28}{-49}$$

$$\frac{84}{-147} = \frac{28}{-49}$$

Q17

Answer :

********** END **********