

Exercise 1E

Q4

Answer:

Let the number be x. Now,

$$\mathbf{x} \times \left(-12\right) = -9$$

$$\Rightarrow \mathbf{x} = -9 \div \left(-12\right)$$

$$\Rightarrow \mathbf{x} = \left(-9\right) \times \frac{1}{-12}$$

$$\Rightarrow \mathbf{x} = \frac{-9}{-12}$$

$$\Rightarrow \mathbf{x} = \frac{3}{4}$$

Answer:

Let the number be x. Now,

$$\mathbf{x} \times \frac{-4}{3} = \frac{-16}{9}$$

$$\Rightarrow \mathbf{x} = \frac{-16}{9} \div \frac{-4}{3}$$

$$\Rightarrow \mathbf{x} = \frac{-16}{9} \times \frac{3}{-4}$$

$$\Rightarrow \mathbf{x} = \frac{-16 \times 3}{9 \times (-4)}$$

$$\Rightarrow \mathbf{x} = \frac{48}{36}$$

$$\Rightarrow \mathbf{x} = \frac{4}{3}$$

Answer:

Let the number be x. Now,

$$\mathbf{x} \times \frac{-15}{56} = \frac{-5}{7}$$

$$\Rightarrow \mathbf{x} = \frac{-5}{7} \div \frac{-15}{56}$$

$$\Rightarrow \mathbf{x} = \frac{-5}{7} \times \frac{56}{-15}$$

$$\Rightarrow \mathbf{x} = \frac{280}{105}$$

$$\Rightarrow \mathbf{x} = \frac{280 \div 5}{105 \div 5}$$

$$\Rightarrow \mathbf{x} = \frac{56}{21}$$

$$\Rightarrow \mathbf{x} = \frac{56 \div 7}{21 \div 7}$$

$$\Rightarrow \mathbf{x} = \frac{8}{3}$$

Answer:

Let the number be x. Now,

$$\mathbf{x} \times \frac{-8}{39} = \frac{1}{26}$$

$$\Rightarrow \mathbf{x} = \frac{1}{26} \div \frac{-8}{39}$$

$$\Rightarrow \mathbf{x} = \frac{1}{26} \times \frac{39}{-8}$$

$$\Rightarrow \mathbf{x} = \frac{39}{-208}$$

$$\Rightarrow \mathbf{x} = \frac{39 \times -1}{-208 \times -1}$$

$$\Rightarrow \mathbf{x} = \frac{-39}{208}$$

$$\Rightarrow \mathbf{x} = \frac{-39 \div 13}{208 \div 13}$$

$$\Rightarrow \mathbf{x} = \frac{-3}{16}$$

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