



Exercise 1C

Solution 01

Answer :

$$(i) 65 \div (-13) = \frac{65}{-13} = -5$$

$$(ii) (-84) \div 12 = \frac{-84}{12} = -7$$

$$(iii) (-76) \div 19 = \frac{-76}{19} = -4$$

$$(iv) (-132) \div 12 = \frac{-132}{12} = -11$$

$$(v) (-150) \div 25 = \frac{-150}{25} = -6$$

$$(vi) (-72) \div (-18) = \frac{-72}{-18} = 4$$

$$(vii) (-105) \div (-21) = \frac{-105}{-21} = 5$$

$$(viii) (-36) \div (-1) = \frac{-36}{-1} = 36$$

$$(ix) 0 \div (-31) = \frac{0}{-31} = 0$$

$$(x) (-63) \div 63 = \frac{-63}{63} = -1$$

$$(xi) (-23) \div (-23) = \frac{-23}{-23} = 1$$

$$(xii) (-8) \div 1 = \frac{-8}{1} = -8$$

Solution 02

(i)

$$\begin{aligned}
72 \div (x) &= -4 \\
\Rightarrow \frac{72}{x} &= -4 \\
\Rightarrow x &= \frac{72}{-4} = -18
\end{aligned}$$

$$\begin{aligned}
\text{(ii)} \\
-36 \div (x) &= -4 \\
\Rightarrow \frac{-36}{x} &= -4 \\
\Rightarrow x &= \frac{-36}{-4} = 9
\end{aligned}$$

$$\begin{aligned}
\text{(iii)} \\
(x) \div (-4) &= 24 \\
\Rightarrow \frac{x}{-4} &= 24 \\
\Rightarrow x &= 24 \times (-4) = -96
\end{aligned}$$

$$\begin{aligned}
\text{(iv)} \\
(x) \div 25 &= 0 \\
\Rightarrow \frac{x}{25} &= 0 \\
\Rightarrow x &= 25 \times 0 = 0
\end{aligned}$$

$$\begin{aligned}
\text{(v)} \\
(x) \div (-1) &= 36 \\
\Rightarrow \frac{x}{-1} &= 36 \\
\Rightarrow x &= 36 \times (-1) = -36
\end{aligned}$$

$$\begin{aligned}
\text{(vi)} \\
(x) \div 1 &= -37 \\
\Rightarrow \frac{x}{1} &= -37 \\
\Rightarrow x &= -37 \times 1 = -37
\end{aligned}$$

***** END *****