Question: If two fifth of a number is 42 less than the three fourth of the number, the number is _____.

Answer:

Let the required no be x

$\therefore$ two fifth of the no $= \frac{2x}{5}$

$\therefore$ three fourth of the no $= \frac{3x}{4}$

A/Q $\frac{3x}{4} - \frac{2x}{5} = 42$

$\Rightarrow \frac{15x - 8x}{20} = 42$

$\Rightarrow 7x = 42 \times 20$

$\Rightarrow x = 6 \times 20 = 120$

$\therefore x = 120$

$\therefore$ Required No = 120 [Ans]