Daily Home Assig...

Ex-12 (A)

33) $\frac{5m}{12} - 12 = 48$

$\Rightarrow \frac{5m}{12} = 48 + 12$

$\Rightarrow \frac{5m}{12} = 60$

$\Rightarrow m = 60 \div \frac{5}{12}$

$= \cancel{60}^{12} \times \frac{12}{5} = 144$

Ex-12 (C)

24) $\frac{2x+1}{3x-2} = \frac{5}{4}$

$\Rightarrow 4(2x+1) = 5(3x-2)$

$\Rightarrow 8x+4 = 15x-10$

$\Rightarrow \cancel{-10+4} = 15x - 8x$

$\Rightarrow 14 = 7x$

$\Rightarrow x = \frac{14}{7} = 2$

Ex-12 (D)

11) Let the number be x, $x+2$, $x+4$

So, $x + x+2 + x+4 = 63$

$\Rightarrow 3x + 6 = 63$

$\Rightarrow 3x = 63 - 6 = 57$

$\Rightarrow x = \frac{57}{3} = 19.$

$x+2 = 19+2 = 21$

$x+4 = 19+4 = 23$

So, the numbers are 19, 21, and 23