

7Cw
28/9/21

Homework



$$83 \quad \frac{5m-13}{12} = 48$$

$$\Rightarrow \frac{5m}{12} = 48 + 13 = 60$$

$$\Rightarrow 5m = 60 \times 12 = 720$$

$$\Rightarrow m = \frac{720}{5} = 144$$

$$\therefore m = 144$$

$$240 \quad \frac{2x+1}{3x-2} = \frac{1}{4}$$

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

$$11) \text{ First odd number} = x$$

$$\text{Second odd number} = x+2$$

$$\text{Third odd number} = x+4$$

$$\Rightarrow x + x + 2 + x + 4 = 63$$

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

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

$$\therefore \text{First odd number} = 19$$

Second odd Number = $19 + 2 = 21$

Third odd Number = $19 + 4 = 23$

✓
✓
✓

x-x-x-x