$$\frac{6 \text{ h}}{\text{h}^2 - 25} + \frac{\text{h} + 2}{4 \text{ h} - 20}$$

$$\frac{\text{h}^2 - 8 \text{ h} + 10}{\text{h}^2 - 25}$$

أجد ناتج ما يأتي واكتبه في أبسط صورة: 3٠

$$\frac{h^2 - 25}{\frac{h^2 + 31 h + 10}{4 h^2 - 100}}$$

$$\frac{h^2 + 7 h + 2}{\frac{h^2 + 7 h + 2}{100}}$$

 $h^2 + 24 h + 2$ 

$$\frac{6 \ h}{h^2 - 25} + \frac{h + 2}{4 \ h - 20} \quad = \quad \frac{6 \ h}{(h - 5) \ (h + 5)} + \frac{h + 2}{4 \ (h - 5)}$$

فيكون المقدار:
$$\frac{4(6 \text{ h})}{4(6 \text{ m})} = \frac{4}{4}$$

 $h^2 + 31 h + 10$  $4 h^2 - 100$ 

$$= \frac{4(6 h)}{4(h-5)(h+5)} + \frac{(h+2)(h+5)}{4(h-5)(h+5)}$$

$$= \frac{24 \text{ h}}{4 (\text{h}-5) (\text{h}+5)} + \frac{\text{h}^2+7 \text{ h}+10}{4 (\text{h}-5) (\text{h}+5)}$$

$$24 \text{ h}+\text{h}^2+7 \text{ h}+10$$

$$= \frac{24 h+h^2+7 h+10}{4 (h-5) (h+5)}$$