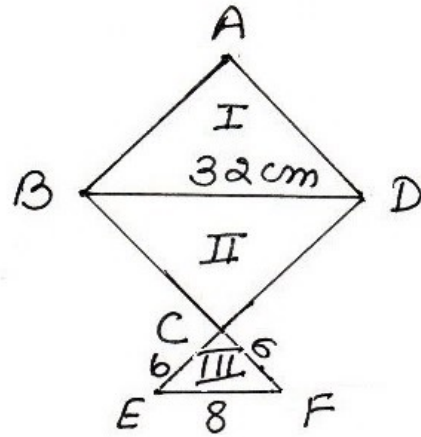


$$\begin{aligned} \textcircled{7} \text{ area of square} &= \frac{1}{2} d^2 \\ &= \frac{1}{2} \times 32 \times 32 \quad 16 \\ &= 512 \text{ cm}^2 \end{aligned}$$



$$\begin{aligned} \text{area of paper of colour I} \\ &= \text{area of paper of colour II} \\ &= \frac{512}{2} \\ &= 256 \text{ cm}^2 \end{aligned}$$

$\triangle CEF$

$$\begin{aligned} s &= \frac{6+6+8}{2} \\ &= \frac{20}{2} \\ &= 10 \text{ cm} \end{aligned}$$

$$\begin{aligned} \text{area of paper of colour III} \\ &= \sqrt{10(10-6)(10-6)(10-8)} \\ &= \sqrt{10 \times 4 \times 4 \times 2} \\ &= 4 \sqrt{2 \times 5 \times 2} \\ &= 8 \sqrt{5} \text{ cm}^2 \end{aligned}$$