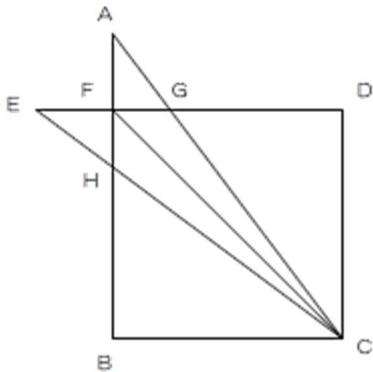


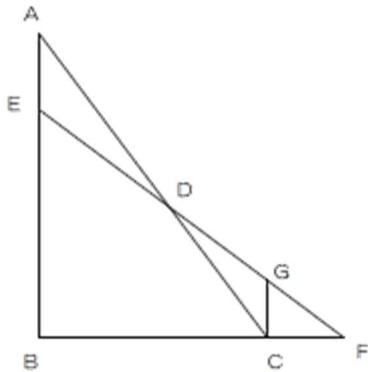
①



AF=2cm ですから FG は $2 \times \frac{3}{4} = 1.5\text{cm}$
 $1.5 \times 6 \div 2 \times 2 = 9$

(答え) 9cm^2

②



左図で $CF=2\text{cm}$ 、から $CG=1.5\text{cm}$
 $AD : DC = AE : CG = 2 : 1.5 = 4 : 3$
 影のついた部分は
 $6 \times 8 \div 2 \times \left(1 - \frac{1}{4} \times \frac{4}{7}\right) = 20\frac{4}{7}$

(答え) $20\frac{4}{7}\text{cm}^2$