

# Area Of Combined Figures

## Class VI

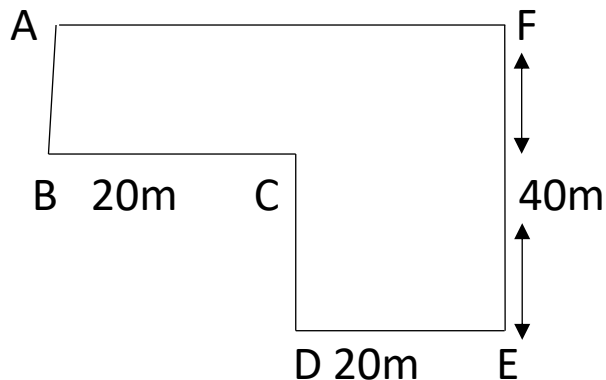
### Assignment iii

Instructions to the students : The notes provided must be copied to the math's copy & then do the Home Work in the same copy.

- You have already known what are plane figures , triangle , rectangle , square , parallelogram etc. are plane figures. You have also learned to find the areas & perimeter of plane figures

### Example

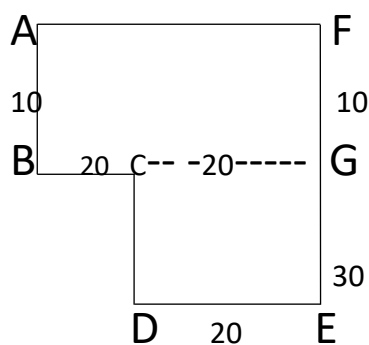
Here is a combined figure. Can you find its area ?



Solution : join BC to meet at G then  $CG = 20m$  &  $BC = 20m$   
then  $BG = (20 + 20m) = 40m$

Similarly  $EG = (40 - 10m) = 30m$

Therefore area of the figure = Area of (ABGF + CDEG)



$$\begin{aligned} &= (40 \times 10) + (30 \times 20) m^2 \\ &= (400 + 600) m^2 \\ &= 1000 m^2 \end{aligned}$$

Home Work Ex 14.2

QNO. 14

Check your progress Q7(Figures)