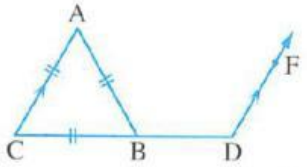
3 **[a] In the opposite figure :**

Δ ABC is an equilateral triangle , $\overrightarrow{DF}$ // $\overline{AC}$

Find by proof : m ($\angle$ D)

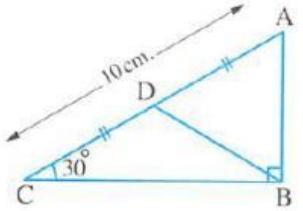


[b] In the opposite figure :

m ($\angle$ ABC) = 90° , m ($\angle$ C) = 30°

, AC = 10 cm. , AD = DC

Find : The perimeter of Δ ABD



4 **[a] In the opposite figure :**

AB < AD , BC < CD

Prove that : m ($\angle$ ABC) > m ($\angle$ ADC)

LIVEWORKSHEETS

[b] In the opposite figure :