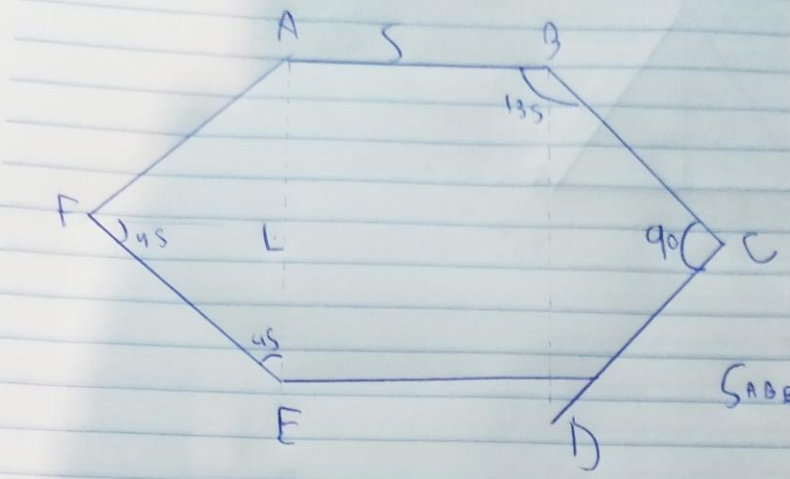
1)



$S_{ABEDF} = 25\sqrt{2}$

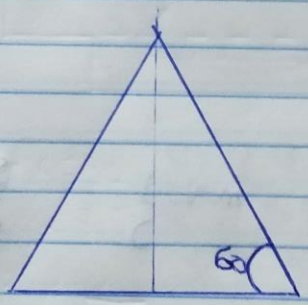
$S_{AFE} = \frac{5\sqrt{2} \cdot 5\sqrt{2}}{2}$

$S_{AFE} = \frac{25}{2}$

$S_{ABCDEF} = 2\left(\frac{25}{2}\right) + 25\sqrt{2}$

$S_{ABCDEF} = 25(\sqrt{2}+1)$

2)



$16\sqrt{3} = \frac{(i^2 \cdot \sqrt{3})}{4}$

$i^2 = 64$

$i = 8$

$h = \frac{8\sqrt{3}}{2}$

$h = 4\sqrt{3}$

$4\sqrt{3} = l\sqrt{2}$

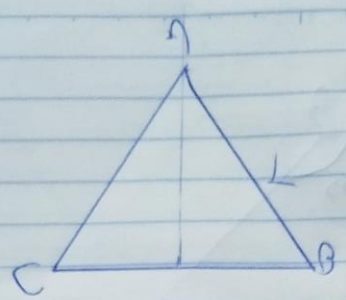
$l = 2\sqrt{6}$

$A = (2\sqrt{6})^2$ $A = 24$

$A = 4.6$

data
fecha

3)



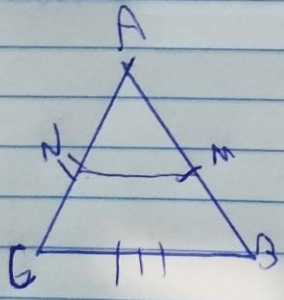
$APC = \frac{2h}{2}$

$APB = \frac{2h}{2}$

$BPC = \frac{2h}{2}$

$+ \sqrt{3}$

4)



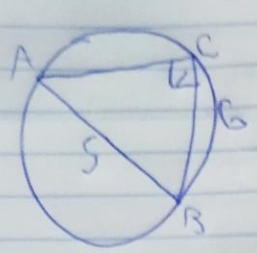
$MN = \frac{1}{2}$ $\quad \frac{S_{AMN}}{S_{ABC}} = \frac{1}{4}$

$S_{AMNC} = 96 - \frac{1}{4}(96)$

$S = 96 - 24$

$S = 72$

5)



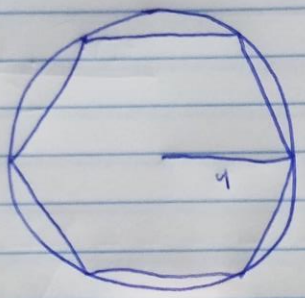
$5^2 = 6^2 + AC^2$

$AC = 8$

$S_{AOC} = \frac{8 \cdot 6}{2}$

$S_{AOC} = 24\,cm^2$

c)



$A = \frac{4^2 \sqrt{3}}{4}$

$A = 4\sqrt{3}$

$S = (4\sqrt{3})^2$

$S = 16\sqrt{9}$

$S = 48$