1. area of $\Delta = \frac{1}{2} \times$ base $\times$ corresponding al.

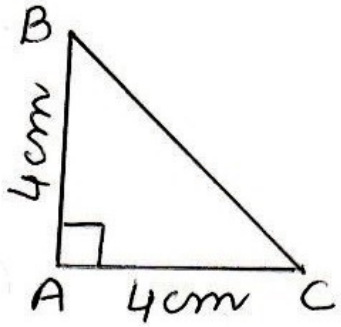
$= \frac{1}{2} \times 4 \times 6^3$

$= 12\ cm^2$

but given area $= 24\ cm^2$

$\therefore$ False

2. area $\Delta ABC = \frac{1}{2} \times AB \times AC$



$= \frac{1}{2_1} \times 4 \times 4^2$

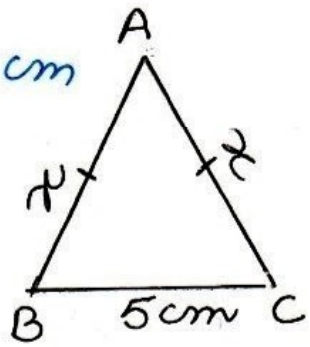
$= 8\ cm^2$

$\therefore$ True

3. base $= 5\ cm$

let each equal side $= x\ cm$

perimeter of $\Delta = 11\ cm$



$x + x + 5 = 11$

$\Rightarrow 2x = 11 - 5$

$\Rightarrow x = \frac{6}{2}$

$\Rightarrow x = 3$

area of isosceles $\Delta = \frac{b}{4}\sqrt{4a^2 - b^2}$

$= \frac{5}{4}\sqrt{4 \times 3^2 - 5^2}$

$= \frac{5}{4}\sqrt{11}\ cm^2$

True