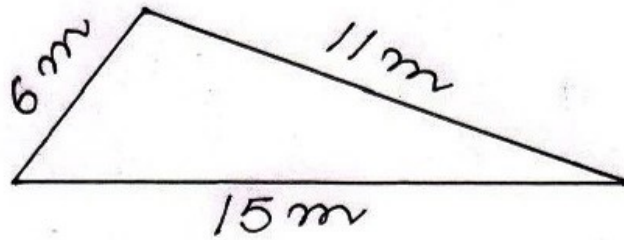


③



$$\begin{aligned}\text{Semiperimeter } (s) &= \frac{a+b+c}{2} \\ &= \frac{6+11+15}{2} \\ &= \frac{32}{2} \\ &= 16\text{ m}\end{aligned}$$

$$\begin{aligned}\text{area} &= \sqrt{s(s-a)(s-b)(s-c)} \\ &= \sqrt{16(16-6)(16-11)(16-15)} \\ &= \sqrt{16 \times 10 \times 5 \times 1} \\ &= \sqrt{4 \times 4 \times 2 \times 5 \times 5} \\ &= 4 \times 5 \sqrt{2} \\ &= 20 \sqrt{2} \text{ cm}^2 \\ &= 28.2 \text{ cm}^2 \quad (\sqrt{2} = 1.41)\end{aligned}$$