

Area of triangles

MODULE 5 · MEASURES — LENGTH, AREA, VOLUME, MASS AND CAPACITY

MEASURES

HOW TO ANSWER TODAY

- **Triangle area.** Area = $\frac{1}{2} \times \text{base} \times \text{perpendicular height}$. The height must be at right angles to the base.

Base 6 cm, height 4 cm $\rightarrow \frac{1}{2} \times 6 \times 4 = 12 \text{ cm}^2$

★ STRETCH PROBLEMS

- 1 Niamh is cutting a triangular bunting flag for her club's GAA jersey display. The flag has a base of **5 cm** and a perpendicular height of **9 cm**. What is the area of the flag?
- 2 Saoirse cuts triangular bunting flags to decorate the table for the 5th class Christmas hamper raffle. Each flag has a base of **10 cm** and a perpendicular height of **4 cm**. What is the area of one flag?
- 3 Cara is making a triangular bunting flag for the school's Seachtain na Gaeilge display. The flag has a base of **12 cm** and a perpendicular height of **5 cm**. What is the area of the flag?

