Area of a Triangle
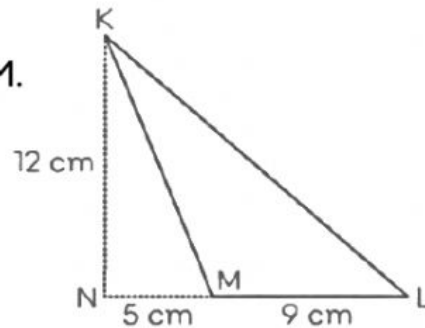
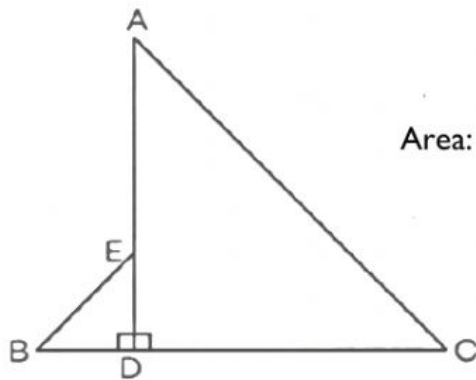**1.** Find the area of triangle KLM.

Area: _____ cm^2

2. In the diagram below,
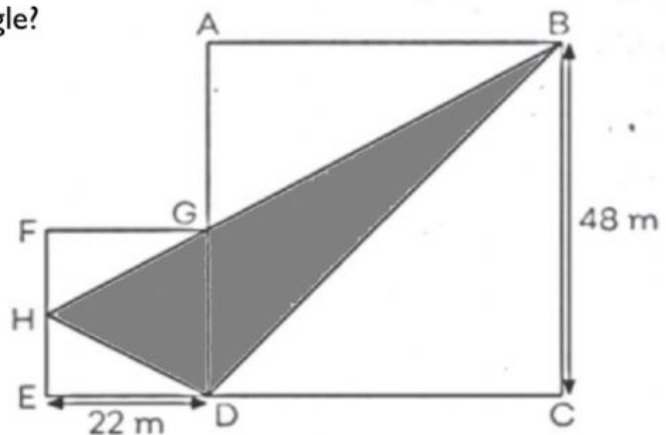AE = 11 cm and ED = 5 cm. BD = ED and DC = AD.

Find the **total area** of the triangles.

Area: _____ cm^2

3. A garden is made up of two squares of different sizes. Flowers are planted in triangle BHD. What is the area of the triangle?
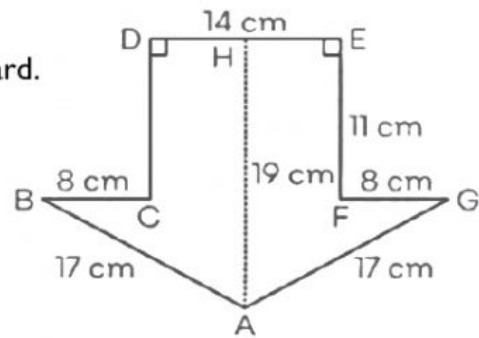
Area= _____ m^2

4. The diagram shows the front of a birthday card.

Find its area.

Area: _____ cm²

14 cm

D⌐ H ⌐E

11 cm

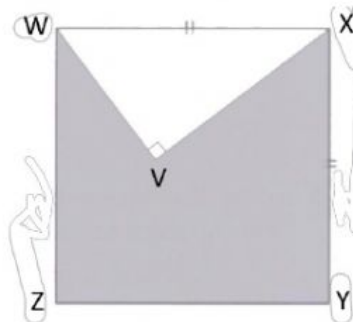8 cm | 19 cm | 8 cm

B╌╌╌ C | F ╌╌╌G

17 cm   17 cm

A

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5. WXYZ is a square tray with side 50 cm. VW = 30 cm and VX = 40 cm.

Find the area of the **shaded part** of the tray.

Area of the triangle: _____ cm²

Shaded area: _____ cm²

W ╌╌╌ X

V

Z   Y

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6. BCDE shows the floor of a room that is 36 m long and 22 m wide. Point A is on BE such that BA = AE. The shaded parts are covered with carpet.

What is the area that is **not** covered by carpet?

Area of the 2 triangles: _____ m²

Area of the not shaded part: _____ m²

B   A   F   E

C   D