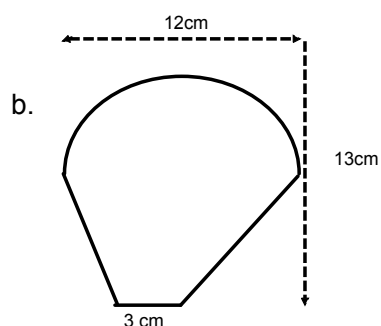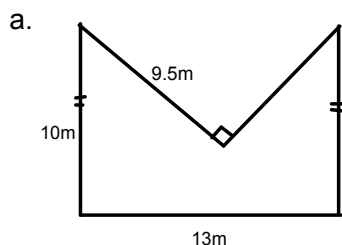## Areas of Plane Figures

The area formulas for some familiar shapes are listed in your textbook on Page 190.

<u>Example 1</u>   Find the area of each figure to the nearest tenth.

a.

9.5m

10m

13m

b.

12cm

13cm

3 cm

<u>Example 2</u>   A carpet cleaning company advertised a three room special up to a maximum of 56 square yards, at $119.95. Mel is planning to have the carpet in three bedrooms cleaned. The rooms are rectangular and measure 8.5' x 11', 13' x 15', and 14' x 15'. Does Mel qualify for the special?

<u>Example 3</u>   Ron's driveway is 15 m long and 6 m wide. He plans to replace the asphalt he currently has with interlocking stone. Stone is sold by the square foot. How many square feet of stone must Ron order?