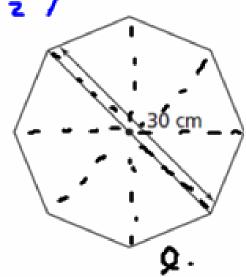
Things to know:

- (i) Solve the triangle
 all missing sides & angles
- Dimensions rectangle
 length & width
- 3 word Problems
 ***Know how to draw ***

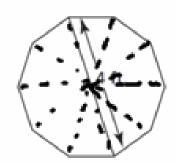
Area: 8(5h)

A small table has the shape of a regular octagon. The distance from one vertex to the opposite vertex, measured through the centre of the table, is approximately 30 cm. There is a strip of wood veneer around the edge of the table. What is the length of this veneer to the nearest centimetre?



$$360^{\circ} \div 8 = 45^{\circ}$$
 $360^{\circ} \div 8 = 45^{\circ}$
 $360^$

3. A window has the shape of a regular decagon. The distance from one vertex to the opposite vertex, measured through the centre of the window, is approximately 4 ft. Determine the length of the wood moulding material that forms the frame of the window, to the nearest foot.



P=102 360°÷10 = 0=0.6180354

$$D = 10(133606) = 13.36 \text{ st}$$

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area of octagon with side length G

Area =
$$8(\frac{bh}{2})$$

= $8(6.7.2020)$
= 173.8 cm
 $b = 6 \text{ cm}$
 $tan \theta = 9$

tan 8= 2 tan 72.5= 3 h h=7.2426cm

Area:
$$5(\frac{bh}{2})$$
= $5(7.49173)$
- 84.3 in^2
 $b = 7 \text{ in}$
 $tan \theta = 0$
 $h = 4.8173 \text{ in}$
 $h = 4.8173 \text{ in}$