CONSTRUCTION GEOMETRY 11: SUMMARY

1. Draw the following triangles. Label all parts.

   a. ΔDEF where $\overline{DE}$ = 3 cm, $\overline{EF}$ = 4.3 cm and $\overline{DF}$ = 2.5 cm

   b. ΔGHI where $\angle$G = 25°, $\angle$H = 25° and $\overline{GH}$ = 7 cm

2. Draw the following polygons. Label all parts.

   a. A rectangle with sides 2.8 cm by 6.3 cm.

b. A parallelogram ABCD where $\overline{AB}$ = 4.2 cm, $\overline{AD}$ = 3 cm and $\angle A = 65°$.

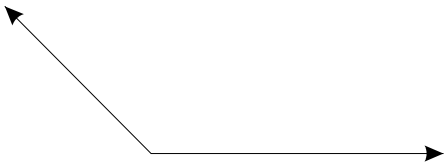
3. Construct a line which is parallel to l that passes through the point P.

4. Draw the following:

a. A circle with a diameter of 5 cm.

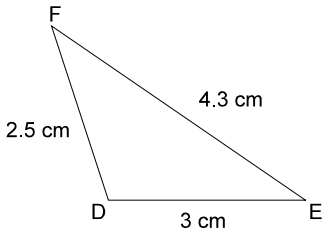
b. A sector with radii of 3 cm and an angle of 130°.

5. Bisect the angle using a compass and straightedge.

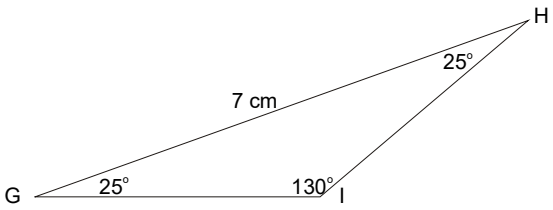


ANSWER KEY

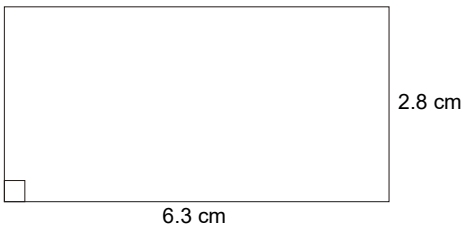
1. a.



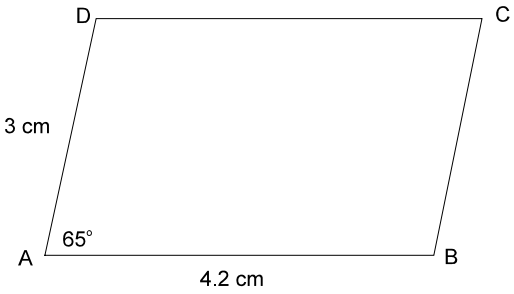
5. b.



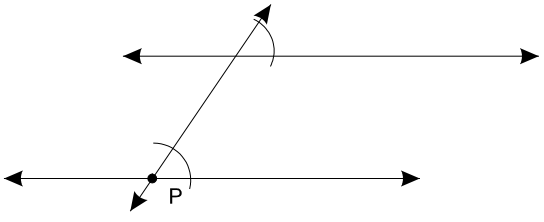
2. a.



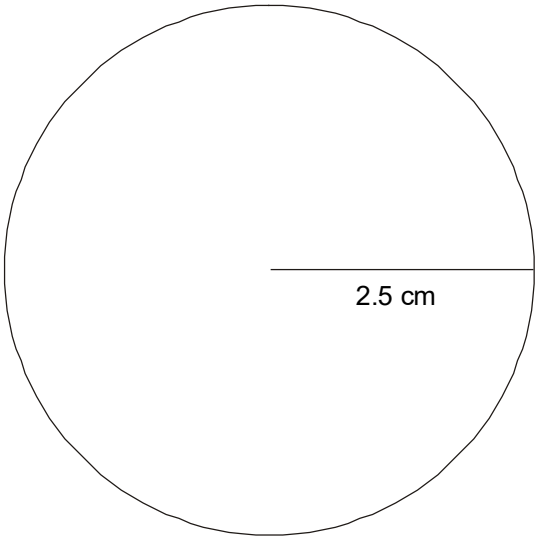
2. b.



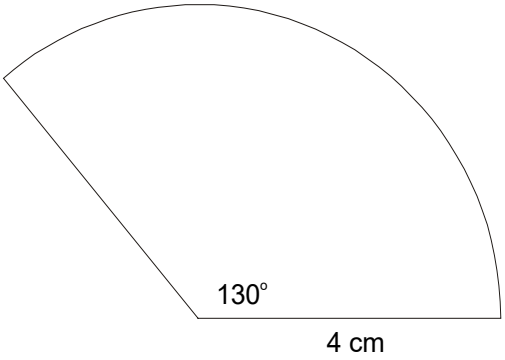
3.



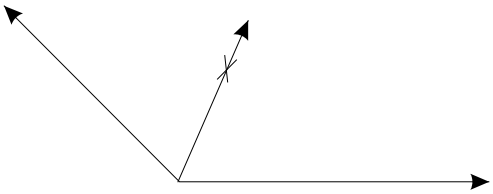
4. a.



b.



5.



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