

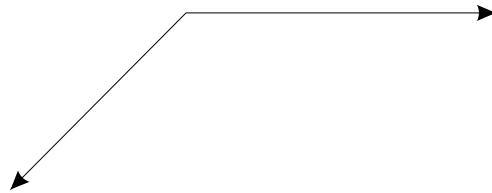
CONSTRUCTION GEOMETRY 10: SUMMARY

1. Draw the following:

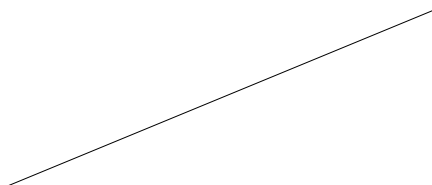
a. A circle with a diameter of 7 cm.

b. A sector with radii of 3 cm and an angle of 115° .

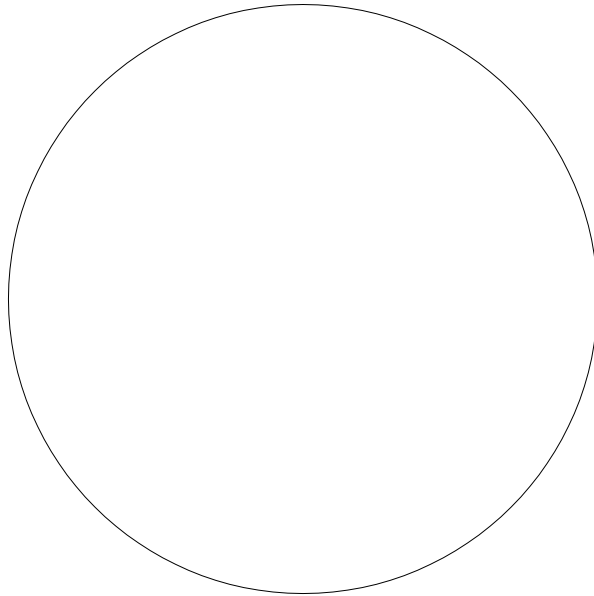
2. Bisect the obtuse angle below using a compass and straightedge.



3. Bisect the segment below using a compass and straightedge.



4. Use only a compass and straightedge to find the centre of the circle.



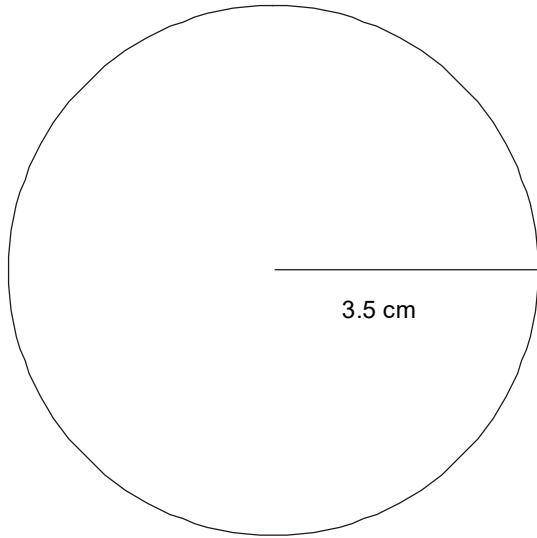
5. Draw the following triangle. Label all parts.

$\triangle ABC$ where $\overline{AB} = 5.5$ cm,

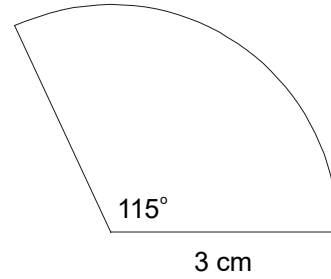
$\angle B = 100^\circ$ and $\overline{BC} = 4$ cm

ANSWER KEY

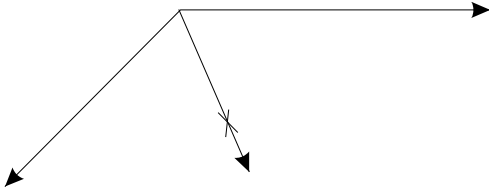
1. a.



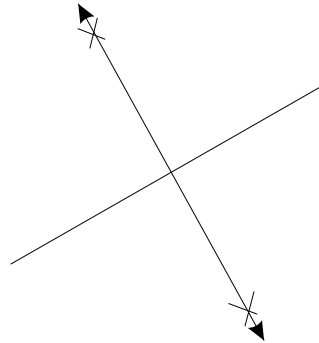
b.



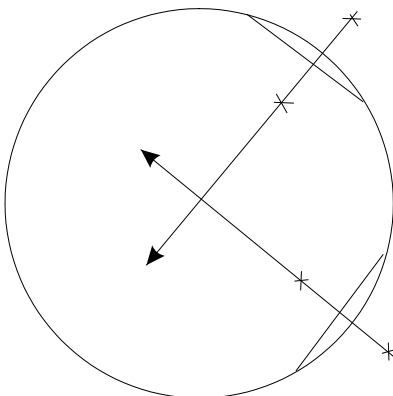
2.



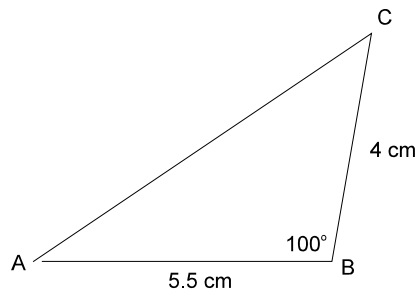
3.



4.



5.



Source: Government of BC used with permission.