CONSTRUCTION GEOMETRY 5: DRAWING TRIANGLES

1. Draw the following triangles. Label all parts.

    a. $\triangle$ABC where $\overline{AB}$ = 8 cm, $\overline{BC}$ = 5.5 cm and $\overline{AC}$ = 6 cm.

    b. $\triangle$DEF where $\overline{DE}$ = 4 cm, $\overline{EF}$ = 3 cm and $\overline{DF}$ = 6 cm.

    c. $\triangle$PQR where $\overline{PQ}$ = 3.5 cm, $\overline{PR}$ = 6.2 cm and $\angle$P = 45°.

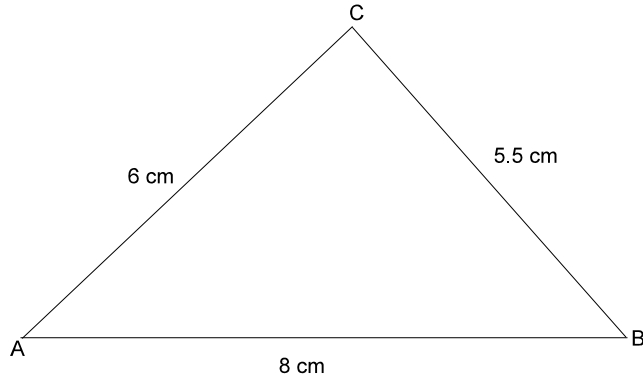d. $\triangle$HIJ where $\overline{IJ}$ = 7 cm, $\overline{HI}$ = 7 cm and $\angle$I = 160°.

e. $\triangle$XYZ where $\angle$X = 50°, $\angle$Y = 100° and $\overline{XY}$ = 4.8 cm.
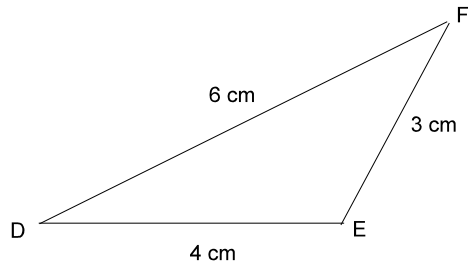
2.   Draw a triangle with angles of 50°, 30° and 100°.

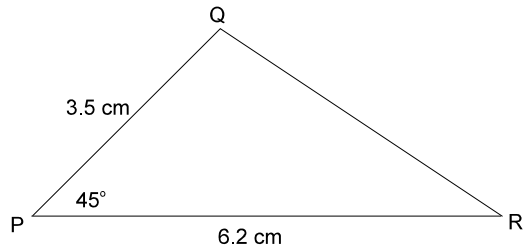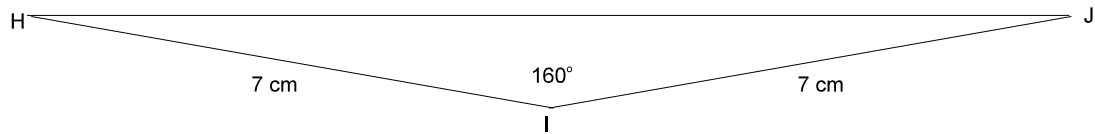3.   Draw an isosceles triangle with sides of 2 cm, 8 cm and 8 cm.
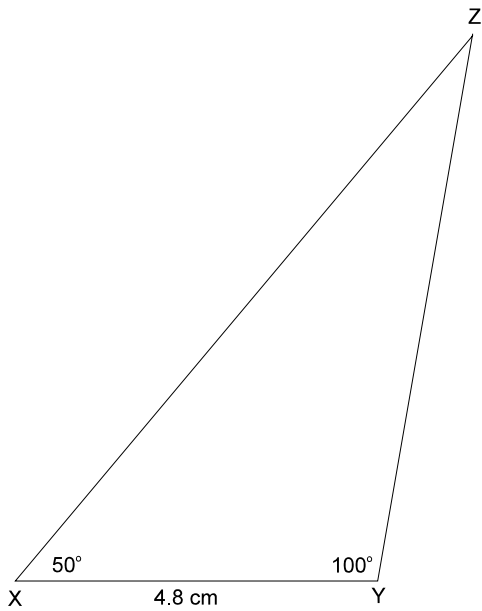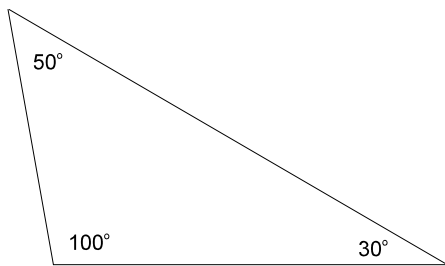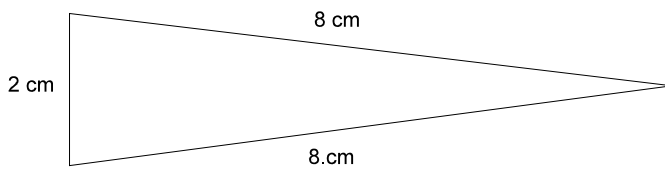
1. a.

b.

c.

d.

e.

2.

3.

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