

1. Draw the following angles given the information, then answer the questions.

a) $\triangle SUM$

$$SU = 6.5 \text{ cm}$$

$$\angle S = 75^\circ$$

$$SM = 6.5 \text{ cm}$$

$$UM = \underline{\hspace{2cm}}$$

Name the triangle.

d)

$\triangle YET$

$$YE = 4.5 \text{ cm}$$

$$\angle Y = 65^\circ$$

$$YT = 4.5 \text{ cm}$$

$$ET = \underline{\hspace{2cm}}$$

Name the triangle.

b) $\triangle COW$

$$OW = 6 \text{ cm}$$

$$\angle W = 105^\circ$$

$$CW = 4 \text{ cm}$$

$$CO = \underline{\hspace{2cm}}$$

Name the triangle.

e)

$\triangle MOP$

$$MO = 7 \text{ cm}$$

$$\angle O = 20^\circ$$

$$OP = 3.5 \text{ cm}$$

$$MP = \underline{\hspace{2cm}}$$

Name the triangle.

c) $\triangle LIE$

$$IE = 6 \text{ cm}$$

$$\angle I = 25^\circ$$

$$LI = 3.5 \text{ cm}$$

$$LE = \underline{\hspace{2cm}}$$

Name the triangle.

f)

$\triangle BOT$

$$BT = 8 \text{ cm}$$

$$\angle B = 40^\circ$$

$$BO = 2.5 \text{ cm}$$

$$OT = \underline{\hspace{2cm}}$$

Name the triangle.

d) $\triangle FLY$

$$FL = 7 \text{ cm}$$

$$\angle L = 145^\circ$$

$$LY = 3.5 \text{ cm}$$

$$FY = \underline{\hspace{2cm}}$$

Name the triangle.

h)

$\triangle TRY$

$$RY = 5.5 \text{ cm}$$

$$\angle Y = 90^\circ$$

$$TY = 5.5 \text{ cm}$$

$$TR = \underline{\hspace{2cm}}$$

Name the triangle.