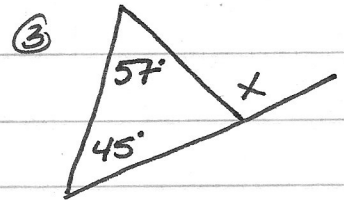
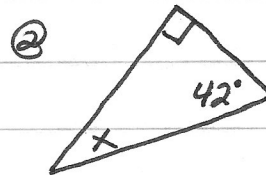
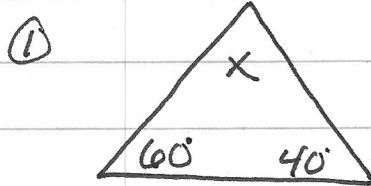
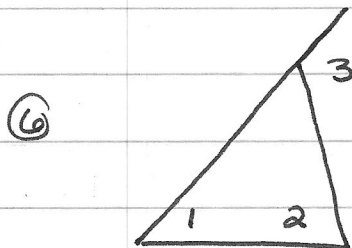
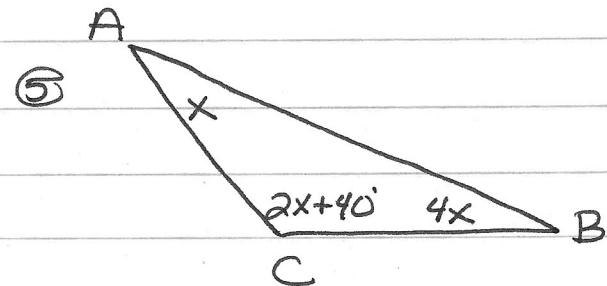
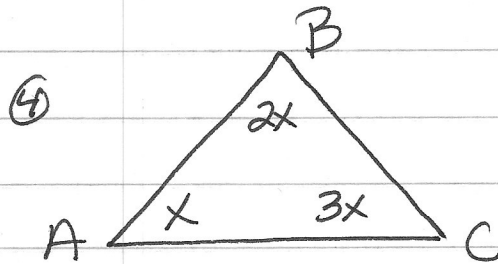


Angles of Triangles

Find the missing $\angle$ measure.



Find the $\angle$ measures of each Δ .



$$\begin{aligned} m\angle 1 &= 5x + 10, m\angle 2 = 80^\circ, \\ m\angle 3 &= 20x + 75^\circ \end{aligned}$$

Answers:

① $x = 80^\circ$ ② $x = 48^\circ$ ③ $x = 102^\circ$

④ $m\angle A = 30^\circ, m\angle B = 60^\circ, m\angle C = 90^\circ$ ($x = 30^\circ$)

⑤ $m\angle A = 20^\circ, m\angle B = 80^\circ, m\angle C = 80^\circ$ ($x = 20^\circ$)

⑥ $m\angle 1 = 15^\circ, m\angle 3 = 95^\circ$ ($x = 1$)