## QUIZ Tomorrow

## $\triangle D O G \cong \triangle C A T$

$$
\begin{array}{ll}
m \angle D=52^{\circ} & m \angle A=37^{\circ} \quad m \angle G=(7 x)^{\circ} \\
D O=16 \mathrm{~cm} & A T=12 \mathrm{~cm} \\
C T=7 \mathrm{~cm} & O G=2 y-6 \mathrm{~cm}
\end{array}
$$

Sketch the triangles and label what you know. Find $x$ and $y$.
Show all work.

