



# Drawing Shapes

Using a ruler and a protractor, draw, label the following shapes:

1. Angle  $GHT = 30^\circ$

2. Isosceles triangle PQT with  $m\angle Q = 100^\circ$

3. A non-isosceles trapezoid XWYZ with two right angles.

4. Rhombus MNPT with side length 2.7cm and  $m\angle N = 50^\circ$ .

Without tools, sketch and label the following. Try to make your angles accurate to within  $10^\circ$ , and side lengths within 0.5 centimeters.

5. Angle $ABC = 170^\circ$	6. $\triangle DEF$ with a $90^\circ$ angle and two sides of equal measure.
7. Parallelogram $HKLM$ with sides of length 3 cm and 4.5 cm and no right angles.	8. Scalene triangle with sides 3, 4, and 5 cm.

Now, use a ruler and a protractor to check your drawings! How did you do?