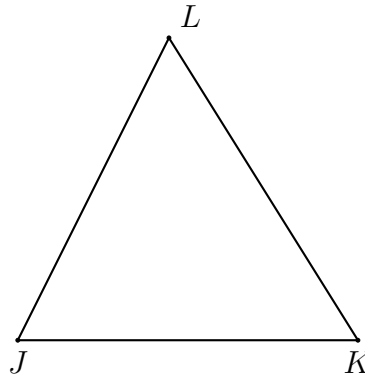


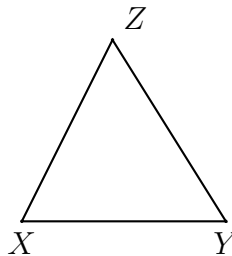
Name:

1.5 Classwork: Equilateral and isosceles triangles, perimeter

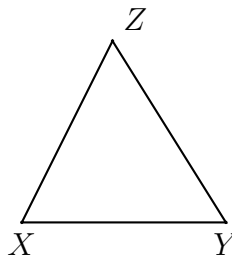
1. Given $\triangle JKL$ with $\overline{JK} \cong \overline{JL}$. On the diagram mark the congruent line segments with tick marks.



2. Given isosceles $\triangle XYZ$ with $\overline{XY} \cong \overline{YZ}$. On the diagram mark the congruent line segments with tick marks.



3. Given isosceles $\triangle XYZ$ with $\overline{XY} \cong \overline{XZ}$. On the diagram mark the congruent line segments with tick marks.



4. The perimeter of the isosceles $\triangle FGH$ is $19\frac{1}{2}$ with $\overline{FH} \cong \overline{GH}$. If $FG = x + 2$ and $FH = 8\frac{1}{4}$, find x .

Show your work with an equation.

2

