## U7D7 MPM1DI-Unit \#7-Geometric Properties: Review Questions

1. Find angle a, b, c, d and explain your reasoning.

2. Find the measure of all the unknown angles and justify your answers.

3. How many sides does a polygon have if the sum of its interior angles is $1980^{\circ}$ ?
4. A dodecagon is a 12 sided figure. The sum of 11 angles of a dodecagon is $1710^{\circ}$, what is the measure of the $12^{\text {th }}$ angle?
