

Name \_\_\_\_\_

Show ALL work and complete ALL steps to receive full credit.

In the figure below,  $D$ ,  $E$ , and  $F$  are midpoints of the sides  $AB$ ,  $BC$ , and  $CA$  respectively. If the measure of  $\angle ABC$  is  $20^\circ$ , and the measure of  $\angle BAC$  is  $60^\circ$ , what is the sum of the measures of  $\angle DEF$  and  $\angle EDF$ ?

