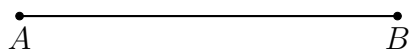
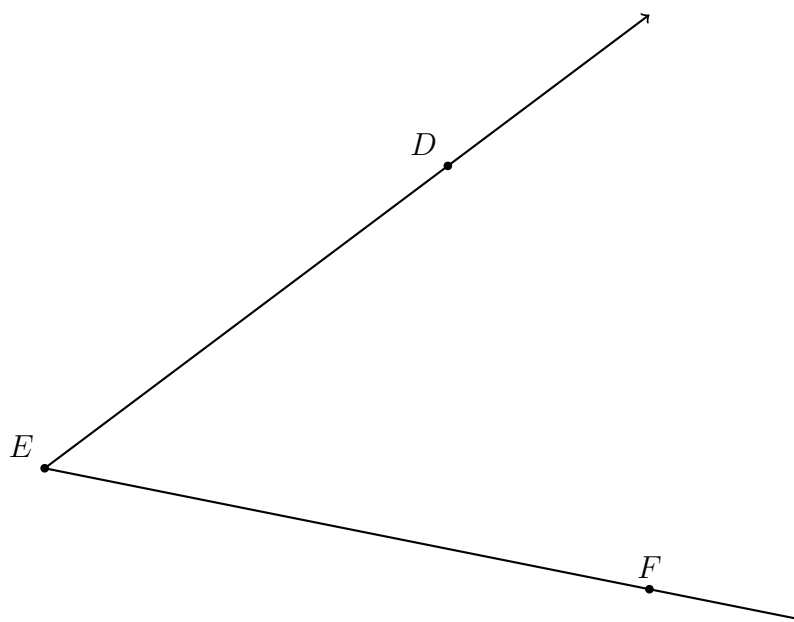


**Homework 1.3: Equilateral triangle construction**

1. Construct an equilateral triangle with  $\overline{AB}$  as one side. Use a compass and straightedge.



2. Write down the name of the angle shown in the diagram below using proper geometric notation.



Find the measure of the angle in degrees with a protractor.

3. The points where a line segment begins and ends are the \_\_\_\_\_.
4. A(n) \_\_\_\_\_ is a portion of a line that includes two points and all of the collinear points between the two points.
5. A(n) \_\_\_\_\_ is a portion of a line that begins with a single point and extends infinitely in one direction.
6. Points that are all located on the same line are \_\_\_\_\_.
7. Two or more line segments of equal measure are \_\_\_\_\_.
8. A flat surface is a(n) \_\_\_\_\_.
9. A(n) \_\_\_\_\_ is a straight continuous arrangement of an infinite number of points.
10. Use symbols to write the name of each geometric figure.

