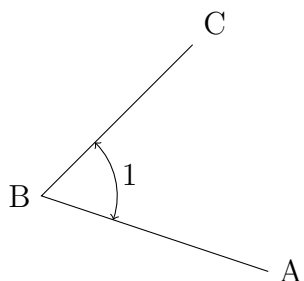
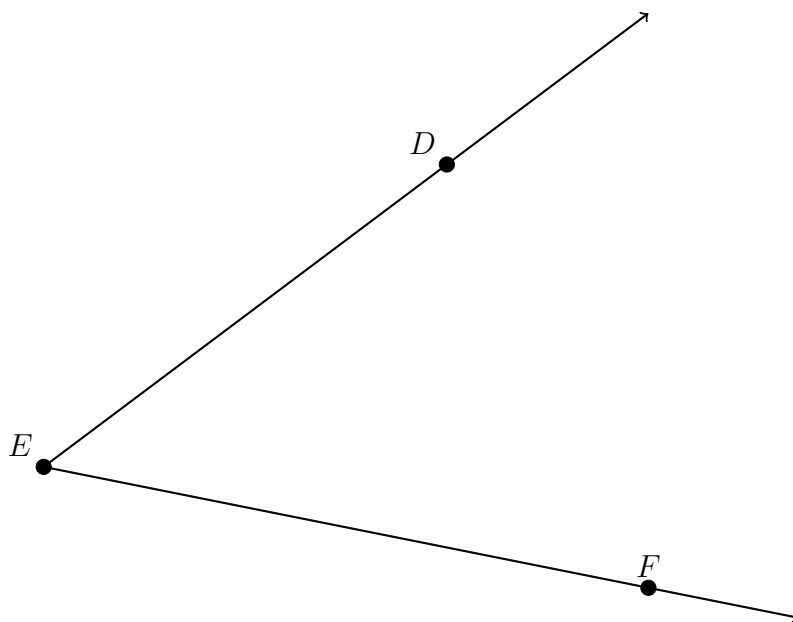


2.1 Worksheet Angle terminology

- I have a compass, ruler, protractor, notebook, and folder (circle one). Yes No
- Write the appropriate name for the type of angle depending on its measure in degrees. (acute, right, obtuse, or straight)
 - $m\angle = 90$: _____
 - $90 < m\angle < 180$: _____
 - $0 < m\angle < 90$: _____
 - $m\angle = 180$: _____
- Write down the name of the given angle three different ways.

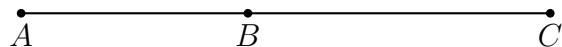


- Points that are all located on the same plane are _____.
- Write down the name of the angle shown in the diagram below using proper geometric notation.



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

6. Given \overline{ABC} , $AB = 3x - 2$, $BC = x + 11$, $AC = 29$. Find AB . Show each step:



- (a) Sketch and label the situation
 (b) Write a geometric equation
 (c) Substitute algebraic values and solve

$$x = \underline{\hspace{2cm}}$$

- (d) Answer the question

$$AB = \underline{\hspace{2cm}}$$

- (e) Check your answer

7. Spicy: Given isosceles $\triangle ABC$ with $\overline{AC} \cong \overline{BC}$. $AC = 5x + 7$ and $BC = 3x + 17$. Find AC .

