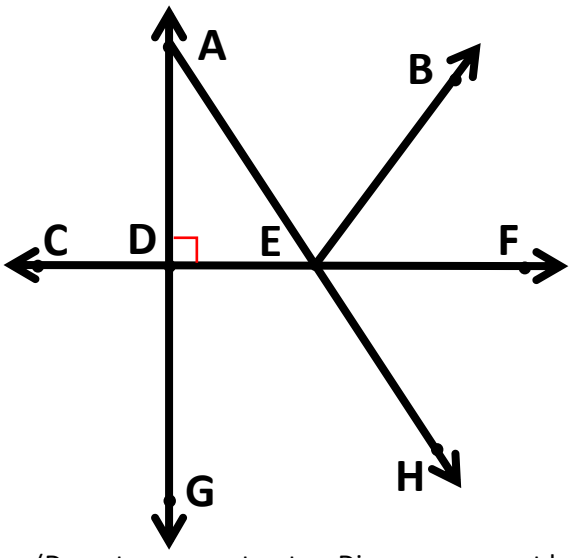
Name: _____

Angle Basics Worksheet

Section 1: Naming Angles

Name an example of each of the following from the diagram to the right. Use the angle symbol and three letters to name all angles. (Warning: one of these is a trick question – there is no example in the diagram!)



1) An acute angle: _____
2) An obtuse angle: _____
3) A right angle: _____
4) A straight angle: _____
5) A pair of adjacent angles: _____ and _____
6) A pair of vertical angles: _____ and _____
7) A pair of complementary angles: _____ and _____
8) A linear pair: _____ and _____
9) A pair of congruent angles: _____ and _____

Section 2: Finding Angle Measures

If $m\angle AED = 55^o$ and If $m\angle AEB = 80^o$, find the given angle measures. (Do not use a protractor. Diagram may not be to scale.)

10) $m\angle HEF$ 11) $m\angle DEH$ 12) $m\angle BEF$ 13) $m\angle CDG$

Section 3: Using a Protractor (Note: We will do this part in class)

14) Use your protractor to draw a 115° angle in the space at the bottom.
15) Use your protractor to draw a 32° angle in the space at the bottom.

Use the diagram to the right for #16 – 18.

16) Find $m\angle POL$: _____
17) Find $m\angle NOM$: _____
18) Find $m\angle ONP$: _____