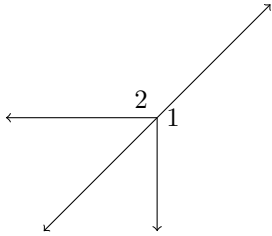


## Homework 7 June 19, 2016

1. Tell whether the following angles are only adjacent, adjacent and form a linear pair, or not adjacent.



- a.  $\angle 1$  and  $\angle 2$
- b.  $\angle 1$  and  $\angle 3$
- c.  $\angle 2$  and  $\angle 4$
- d.  $\angle 2$  and  $\angle 3$
2. Suppose  $m\angle A = 81.2^\circ$ .
- a. Find the measure of the complement of  $\angle A$ .
- b. Find the measure of the supplement of  $\angle A$ .
3. Suppose  $m\angle B = (6x - 5)^\circ$ .

a. Find the measure of the complement of  $\angle B$ .

b. Find the measure of the supplement of  $\angle B$ .

4. An angle's measure is 6 degrees more than 3 times the measure of its complement. Find the measure of the angle.