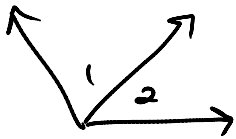
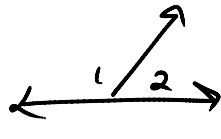
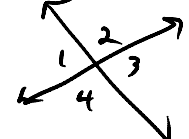
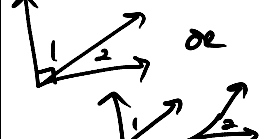
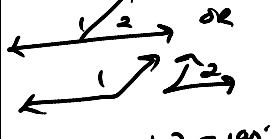
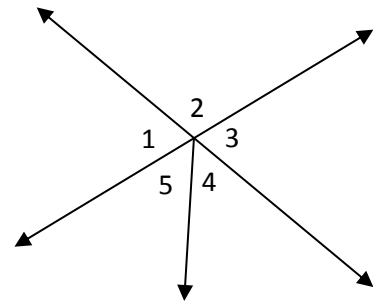


Section 1.4: Pairs of Angles

Adjacent Angles	Linear Pair Angles	Vertical Angles	Complementary Angles	Supplementary Angles
have the same vertex & share common side	adj. \angle 's whose non-common side are adj rays	non adj \angle 's formed by 2 intersecting lines	Sum of \angle 's measures 90°	Sum of \angle 's measures 180°
		 $\angle 1 \cong \angle 3$ $\angle 2 \cong \angle 4$	 $m\angle 1 + m\angle 2 = 90^\circ$	 $m\angle 1 + m\angle 2 = 180^\circ$

For 1 through 4, use the diagram to the right:

- 1) Name a pair of adjacent angles:
- 2) Name a pair of nonadjacent angles:
- 3) Name a pair of linear pair angles:
- 4) Name a pair of vertical angles:



If an angle has a measure of x° ,

what is the measure of its complement? $90 - x$

what is the measure of its supplement? $180 - x$

- 5) Find the measure of each of the following angles.

a) Complement of $\angle B$ $90 - 56$ 4

b) Supplement of $\angle B$ $180 - 56$ 124°

