

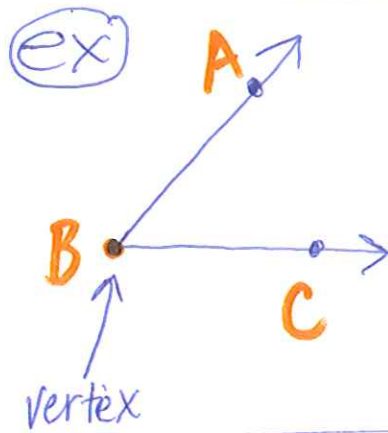
Angle Relationships

9/30

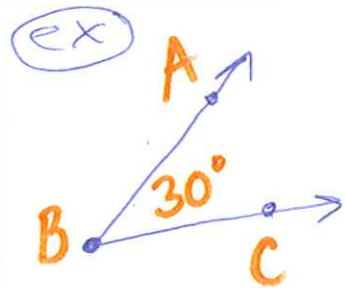
ES:

what kinds of angles are there?

Naming Angles



$\angle ABC$ or $\angle CBA$



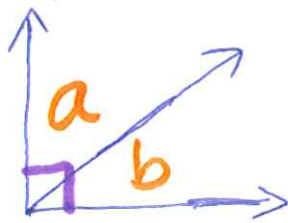
$m\angle ABC = 30^\circ$
or

$\angle ABC = 30^\circ$

Types of Angles

Complementary Angles

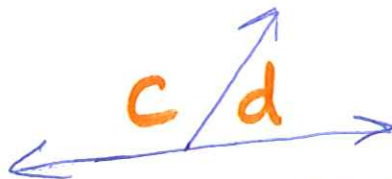
two angles that sum up to 90°



$$a + b = 90^\circ$$

Supplementary Angles

two angles that sum up to 180°



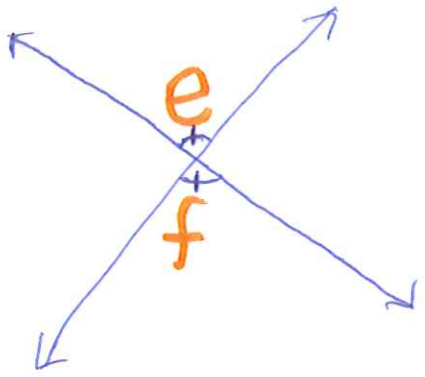
$$c + d = 180^\circ$$

Vertical Angles

two opposite angles formed by two intersecting lines. They are congruent.

congruent means equal.

$$e=f$$



Summary