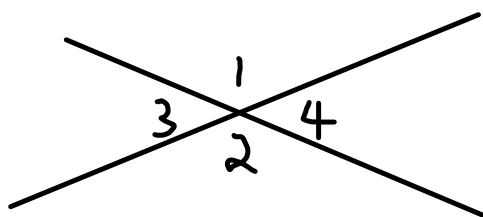


Welcome 9/6

Do now:

One angle is 9 degrees greater than twice the other. If the angles are complementary, find the measure of each.

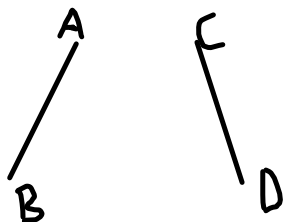
Vertical angles: non-adjacent angles
formed by intersecting lines



$$\sphericalangle 3 \cong \sphericalangle 4$$

Congruent figures have the same size
and shape

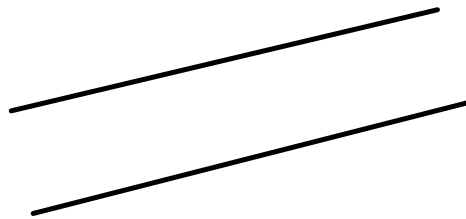
$$m\sphericalangle 3 = m\sphericalangle 4$$



$$\overline{AB} \cong \overline{CD}$$

$$AB = CD$$

Parallel lines: lines on the same plane that never intersect



Homework:

pages 16, 17, 18/8, 9, 13, 14, 16, 18, 21, 24, 28, 32, 38, 39, 40, 41, 42, 43, 44, 45, 46b, 47, 52, 60, 64