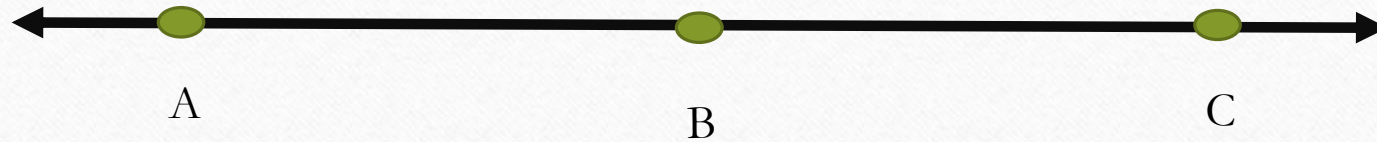


Notes 2.8

Vertical Angles

Opposite Rays

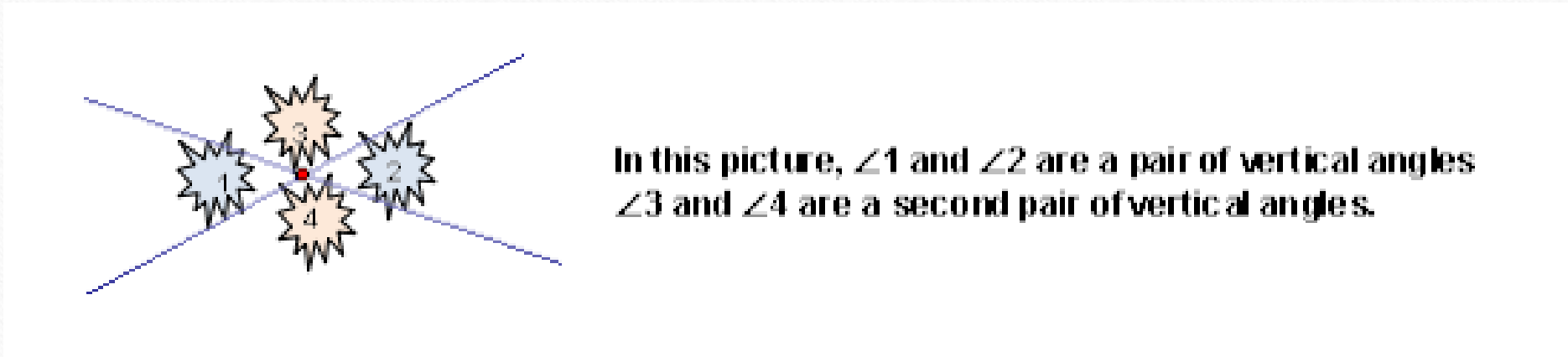
- two collinear rays that share the same endpoint and extend in opposite directions (Together, they form a straight angle!)



- $\overrightarrow{BA} + \overrightarrow{BC} = \overleftrightarrow{AC}$

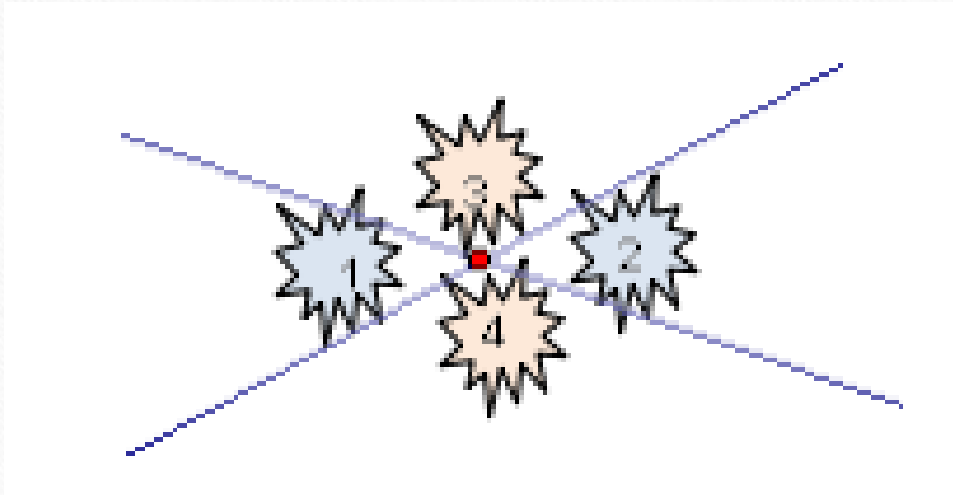
Vertical Angles

- the non-adjacent angles formed when two lines intersect. The rays forming the sides of one and the rays forming the sides of the other are “opposite rays.”



Theorem 18

- Vertical angles are congruent.



$$\angle 1 \cong \angle 2 \text{ and } \angle 3 \cong \angle 4$$