

Angle Relationships

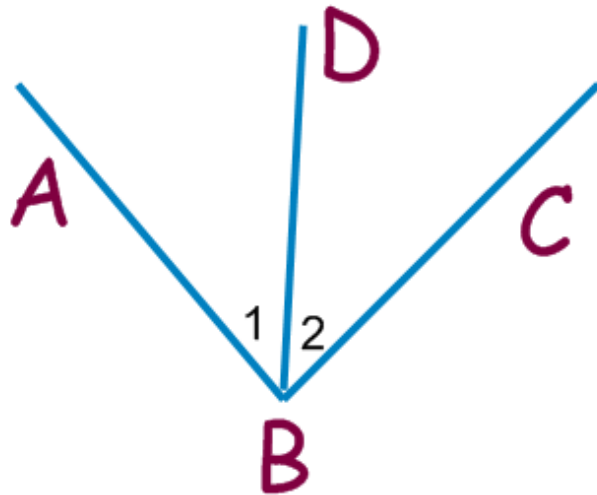


Students will identify and use special pairs of angles and perpendicular lines.
Students will construct perpendiculars.

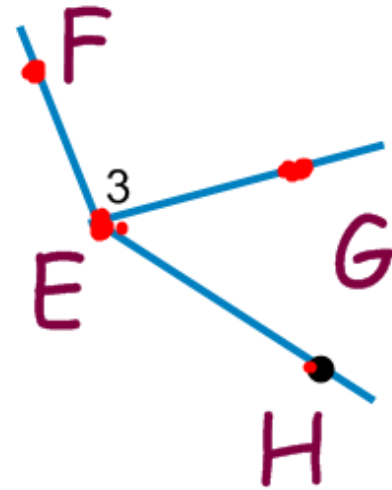


Adjacent angles: next to each other.

Share a side



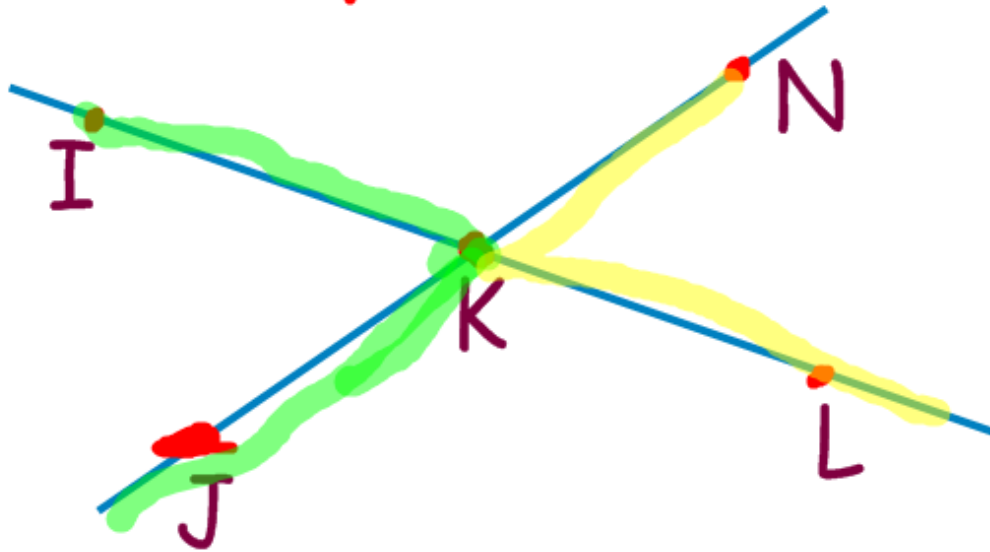
$\angle 1$ & $\angle 2$
are
adjacent



$\angle 3$ & $\angle GEH$
are
adjacent

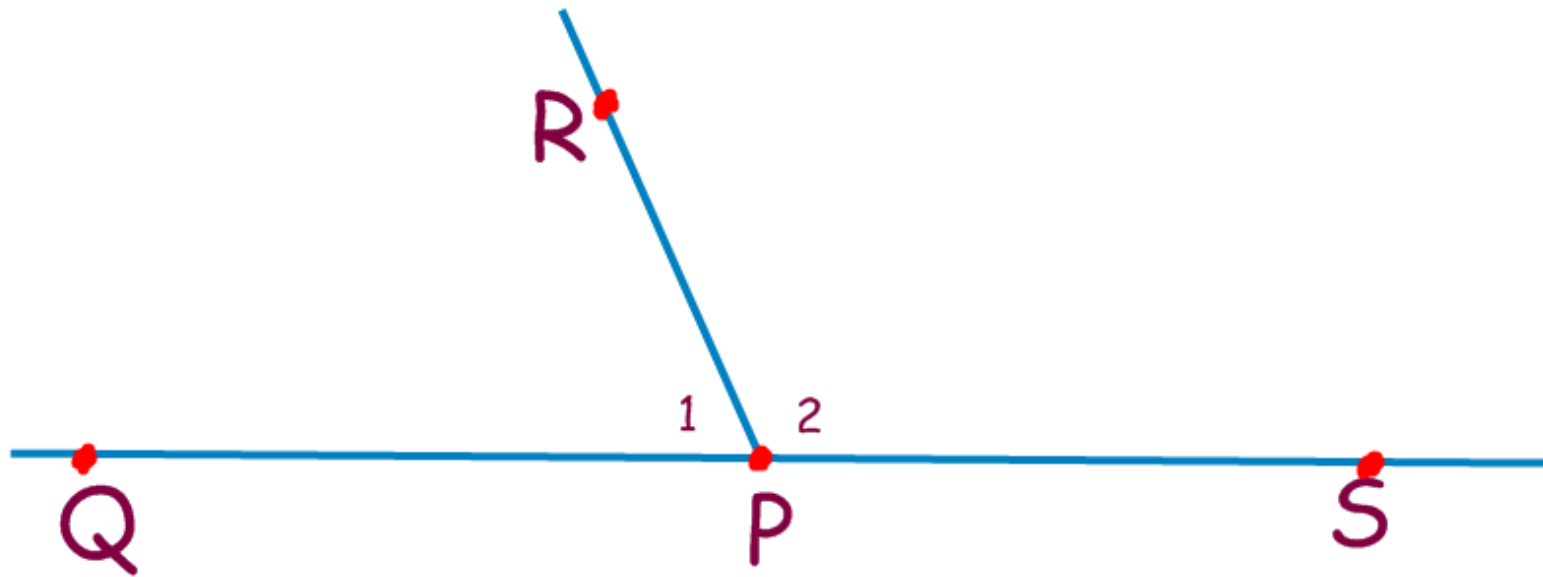
Vertical angles:

cross from each other
when 2 lines intersect
always \cong



$\angle IKJ$ and $\angle LNK$
are vertical

Linear pair: adjacent \angle 's that
make a line



$\angle 1 + \angle 2$ are a linear pair

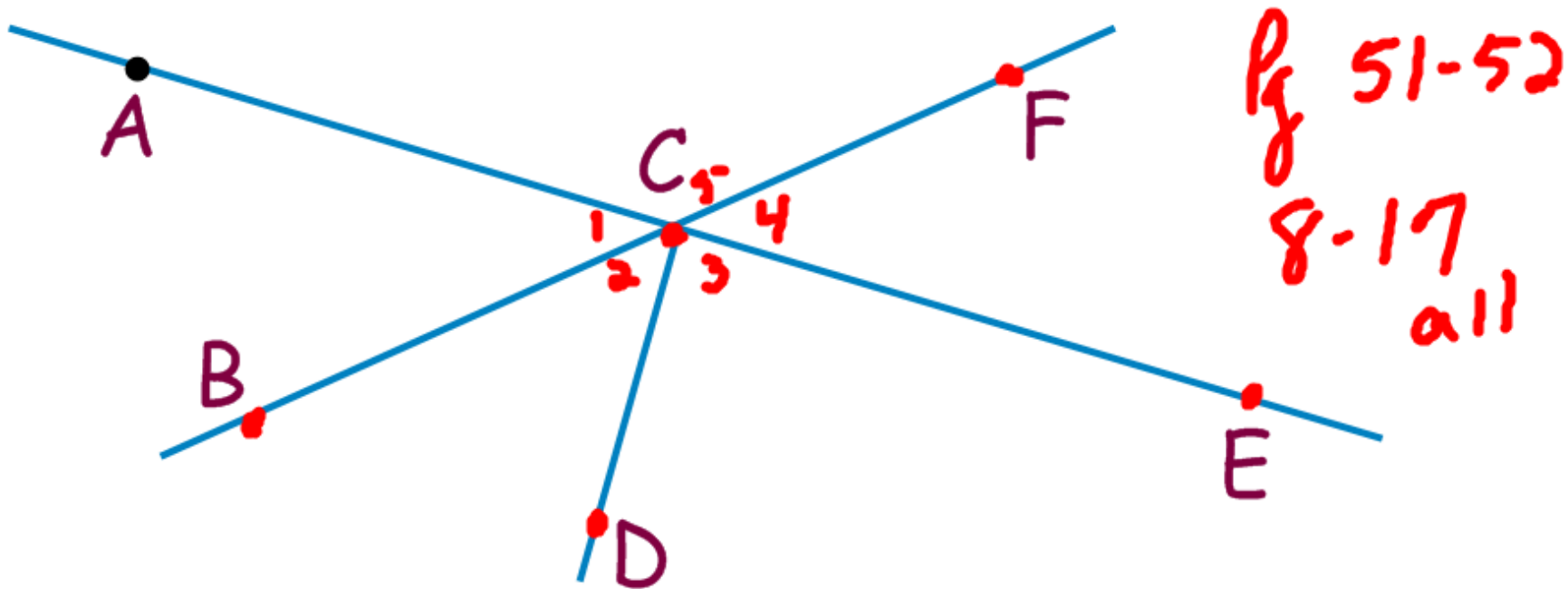
$\angle QPR$ & $\angle RPS$ are a linear pair

Complementary angles:

Sum is 90°

Supplementary angles:

Sum is 180°



1. Name two adjacent angles.

$\angle 1$ & $\angle 2$

2. Name two vertical angles.

$\angle 1$ & $\angle 4$