

Mathematics Class Slides

Bronx Early College Academy

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13 October 2020

2.1 Angle vocabulary, 13 October

2.1 Angle relationships, 14 October

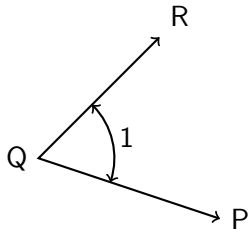
GQ: How do we measure angles?

CCSS: HSG.CO.A.1 Know precise geometric definitions

2.1 Tuesday 13 Oct

Do Now: Write down angle definitions

1. *Right angles* measure 90°
2. *Perpendicular* lines meet at right angles. $\overline{AB} \perp \overline{CD}$
3. *Acute angles* are $< 90^\circ$
4. *Obtuse angles* are $90^\circ < \angle m < 180^\circ$
5. A *straight line* or angle measures 180°



Point Q is the *vertex*

The sides or *legs* are \overrightarrow{QR} , \overrightarrow{QP}

Written $\angle 1$, $\angle Q$, or $\angle PQR$

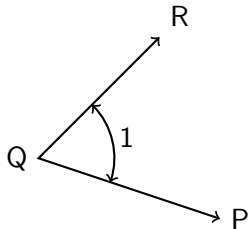
GQ: How do we relate angles to each other?

CCSS: HSG.CO.A.1 Know precise geometric definitions

2.2 Thursday 15 Oct

Do Now: Write down angle definitions

1. *Adjacent* measure 90°
2. *Complementary* lines meet at right angles. $\overline{AB} \perp \overline{CD}$
3. *Supplementary* angles are $< 90^\circ$
4. *Vertical* or *opposite* angles are $90^\circ < \angle m < 180^\circ$
5. A *straight line* or angle measures 180°



Point Q is the *vertex*

The sides or *legs* are \overrightarrow{QR} , \overrightarrow{QP}

Written $\angle 1$, $\angle Q$, or $\angle PQR$