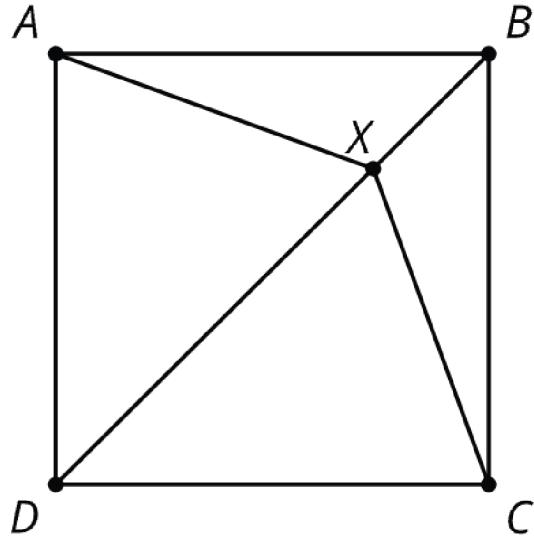


Activity Title

Problem Card 1

Which segment is longer, AD or XD ?



Activity Title

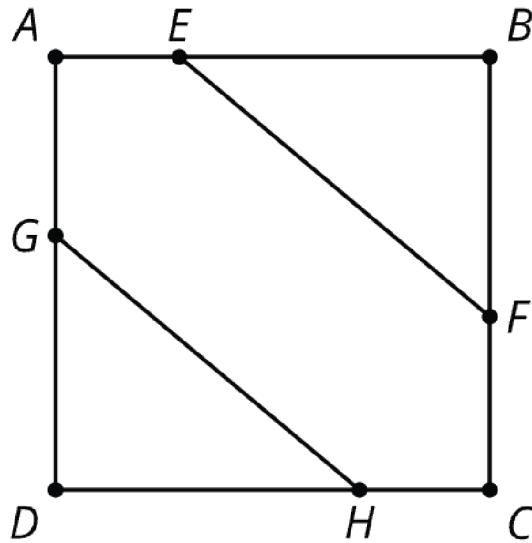
Data Card 1

- Quadrilateral $ABCD$ is a square.
- Angle XAB is 20° .
- Angle BXC is 115° .
- Angle XBC is 45° .
- Angles AXD and DXC are congruent.

Activity Title

Problem Card 2

Which segment is longer, DG or DH ?



Activity Title

Data Card 2

- Quadrilateral $ABCD$ is a square.
- Segments EF and GH are parallel.
- Angle BEF is 40° .
- Angle BFE is 50° .
- Angle GHC is 140° .