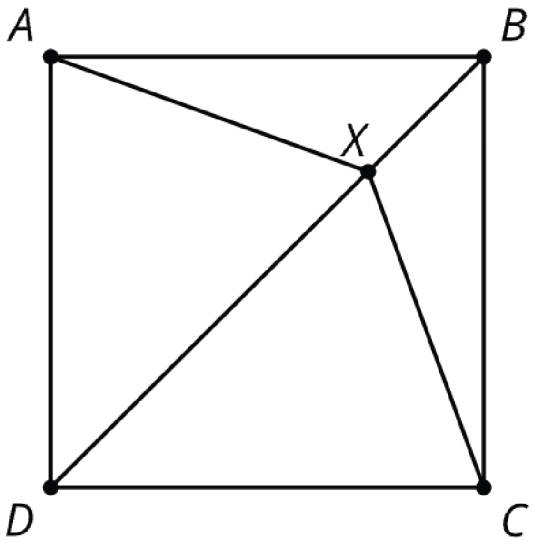
Activity Title
Problem Card 1

Which segment is longer, *AD* or *XD*?

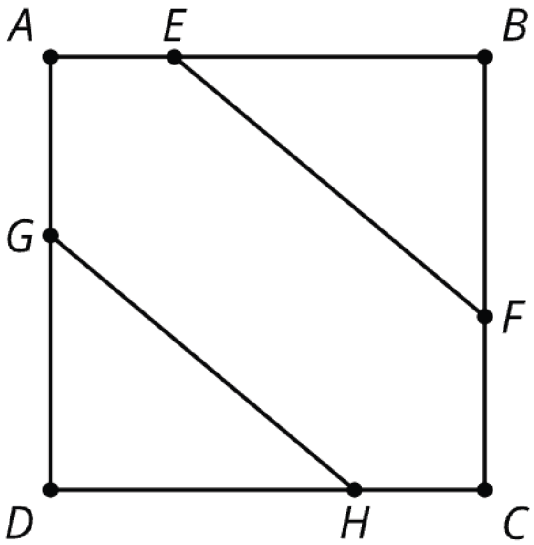


Activity Title
Data Card 1

- 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°.