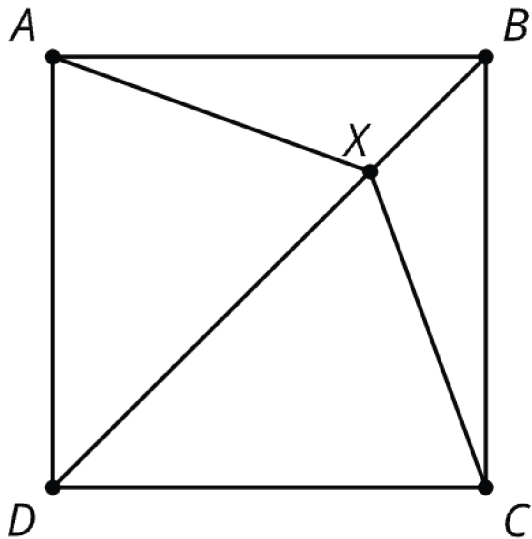


Activity Title

## Problem Card 1

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

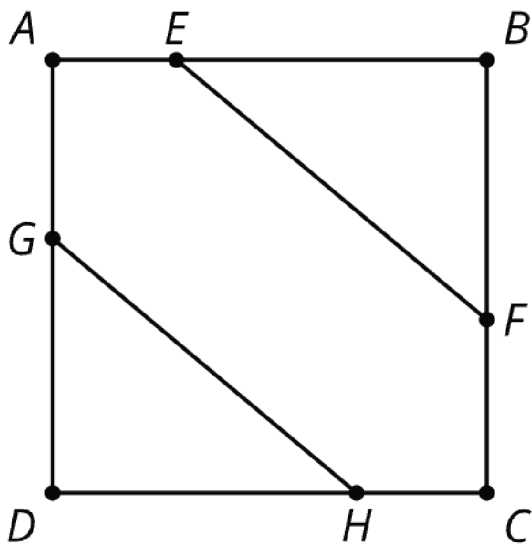
Activity Title

## Data Card 1

- Quadrilateral  $ABCD$  is a square.
- Angle  $XAB$  is  $20^\circ$ .
- Angle  $BXC$  is  $115^\circ$ .
- Angle  $XBC$  is  $45^\circ$ .
- 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  $40^\circ$ .
- Angle  $BFE$  is  $50^\circ$ .
- Angle  $GHC$  is  $140^\circ$ .