

## 8.G, G-SRT Points from Directions

## **Task**

Point B is due east of point A. Point C is due north of point B. The distance between points A and C is  $10\sqrt{2}$  meters, and  $\angle BAC = 45^\circ$ . Point D is 20 meters due north of point C. The distance |AD| is between which two integers?



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