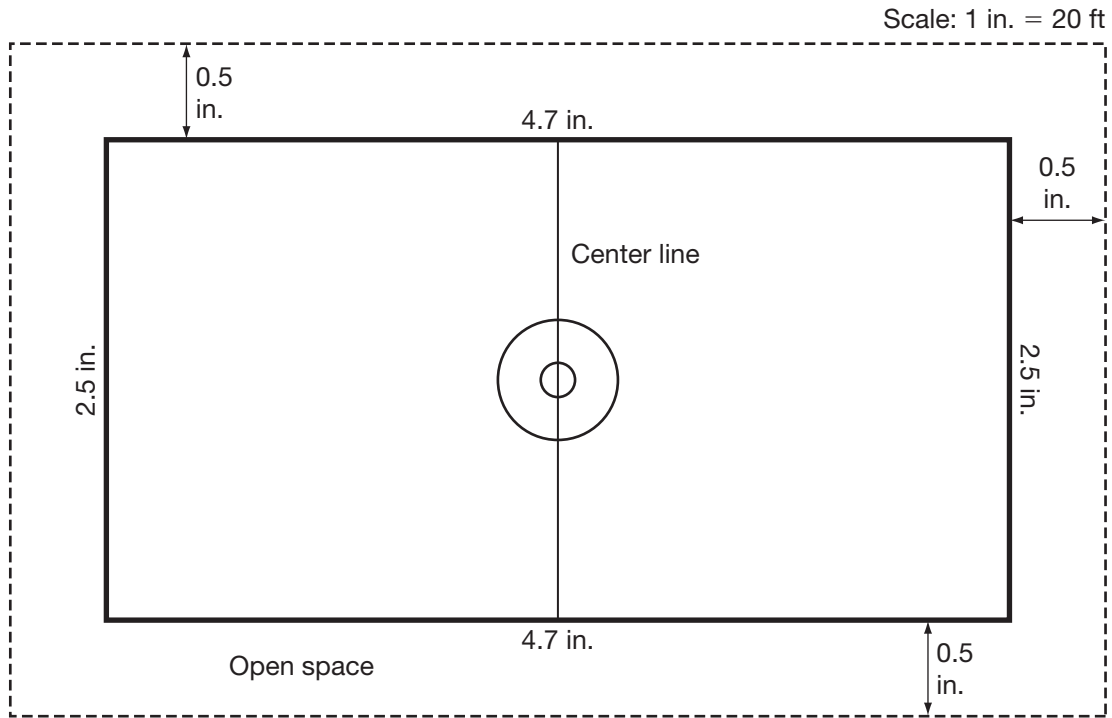


Maps and Scale Drawings



1. What is the actual length and width of a college basketball court?

2. How far should open space extend from each side of the court?

3. What is the actual measurement from the end of the court to the center line?

4. **Reasoning** What is the scale on a map that shows two cities that are 400 mi apart as 2.5 in. apart?

5. If the scale of a drawing is 1 in. = 2.5 ft, which is the actual size of an object that is 2 in. long in the drawing?

A 1 in.	B 5 in.	C 2.5 ft	D 5 ft
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6. **Writing to Explain** Explain how you would choose a scale to use for a map. What things would you need to consider?

