Info Gap: Pythagorean Theorem

Problem Card 1

Tyler is helping to decorate the school gym for a dance. He wants to hang lights from one corner of the gym across to the opposite corner. How many strings of lights should the school buy to make it all the way across?

Info Gap: Pythagorean Theorem

Data Card 1

- The gym is rectangular.
- The dimensions of the gym are 50 feet by 84 feet.
- One string of lights is 12 feet long, and the strings can be connected.

Info Gap: Pythagorean Theorem

Problem Card 2

Priya is helping to decorate the school gym for a dance. She wants to hang balloons using a ladder that will lean against the wall. How far up the wall will the top of the ladder reach?

Info Gap: Pythagorean Theorem

Data Card 2

- The ladder is 8 feet long.
- For safety, the bottom of the ladder should be placed 2 feet from the wall.

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