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Info Gap: Tiles

Problem Card 1

Elena is covering the floor with rectangular tiles.

How many tiles will Elena need to cover the floor?

Info Gap: Tiles

Data Card 1

- The floor is a square.
- The length of one side of the floor is 8 feet.
- One side of the tiles is $\frac{1}{3}$ foot.
- One side of the tiles is $\frac{1}{2}$ foot.
- The area of the floor is 64 square feet.

Info Gap: Tiles

Problem Card 2

Mai is covering part of the bathroom wall with rectangular tiles.

How many boxes of tiles does Mai need? How many tiles will she have left over?

Info Gap: Tiles

Data Card 2

- Each box has 42 tiles.
- The wall space is a rectangle. It is 8 feet long and $6\frac{1}{2}$ feet wide.
- Each tile is 1 foot long and $\frac{1}{4}$ foot wide.
- Each box of tiles covers $10\frac{1}{2}$ square feet.