Tiles
Problem Card 1

Elena is covering the floor with rectangular tiles.

How many tiles will Elena need to cover the floor?

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.

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?

Tiles
Data Card 2

- Each box has 42 tiles.

- The wall space is a rectangle that 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.