

# 5.NF.B Chavone's Bathroom Tiles

## Task

Chavone is remodeling her bathroom. She plans to cover the bathroom floor with tiles that are each 1 square foot. Her bathroom is  $5\frac{1}{2}$  feet wide and  $8\frac{1}{4}$  feet long.

How many tiles will she need to cover the floor? Give an exact answer that includes the fractions of a tile she will need. Each unit square has been broken into sixteenths to allow precise measurements. Use the figure below to illustrate your answer.



