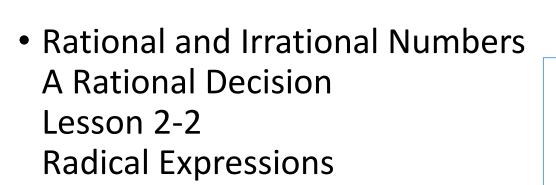# THURSDAY, JANUARY 24, 2019

- Warm-up
  - A square rug has an area of 36 square feet. What is the length of a side of the rug? Explain your reasoning with mathematics or a diagram.

$$A = l \times w$$
$$A = l \times l \rightarrow \sqrt{A}$$
$$6 \times 6$$

36

- Rational and Irrational Numbers
  A Rational Decision
  Lesson 2-2
  Radical Expressions

Objectives:
Content: I will be write and simplify radical expressions.
Social: I will participate in the lesson.
Language: I will read questions carefully looking for key vocabulary words: *rational*, *irrational* and *radical*.