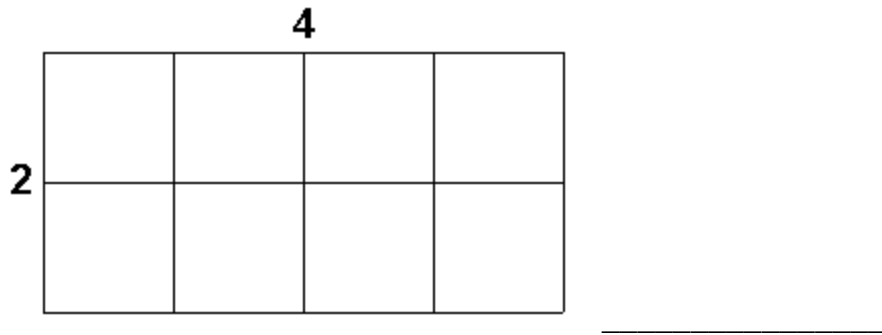## Worksheet 3: Generalization (Conversion of units of measurement and area)

What is the area of this rectangle? (Student can either count the tiles or use a calculator)

area = length x width

_____

Conversion Chart:

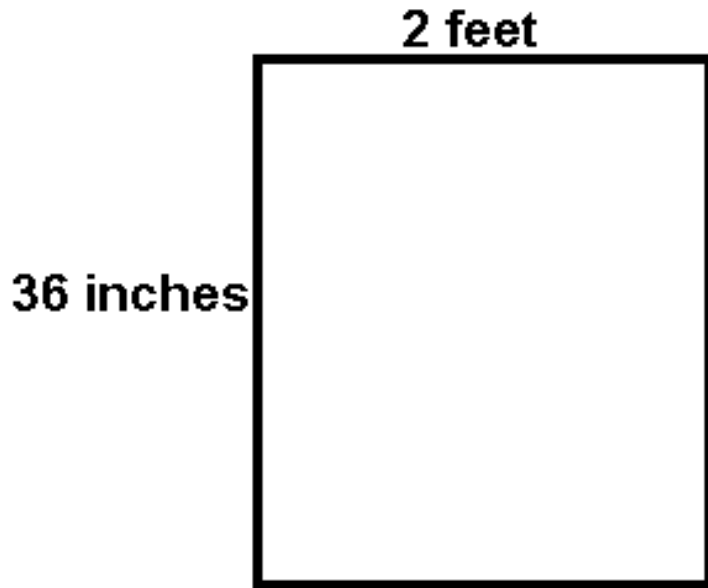| Feet	Inches
1	12
2	24
3	36

Use the conversion chart to answer the remaining questions.

How many inches is my 2 foot poster?

_____

How many feet is my 12 inch necklace?

_____

Betty needs to cut a big piece of paper to make a poster for her science fair project. Her assignment says to use a piece of paper that is 2 feet by 36 inches. She needs to know the area so she can buy enough paint to paint the poster, but first she needs to convert feet to inches so that they are the same unit of measurement. Convert the measurement and calculate the area of the poster.

2 feet

36 inches

Length = _____

Width = _____

Area = Length x Width

Area = _____