Name _____ Date _____

Conversions

1. 36 in = _____ ft
2. 3 m = _____ cm
3. 7 ft = _____ in
4. 800 cm = _____ m
5. 108 in = _____ ft

Feet → Inches	_____ x 12 (#feet)
Inches → Feet	_____ ÷12 (#inches)
m → cm	_____ x 100 (#m)
cm → m	_____ ÷ 100 (# cm)

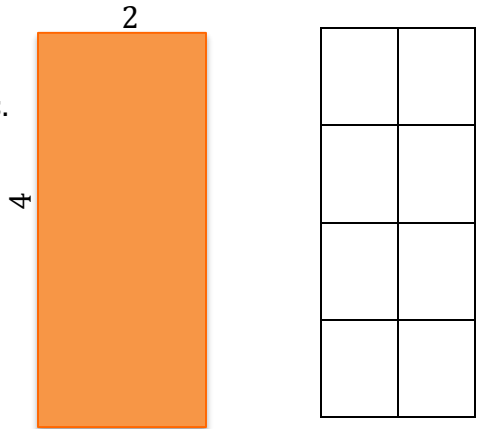
Perimeter and Area

Find the perimeter and area of the figure to the right in inches.

6. P = _____
7. A = _____

8. Convert your answer for perimeter (number 6) into ft.

_____ in = _____ ft



(Instead of measuring, student might be given a labeled figure or use a grid)

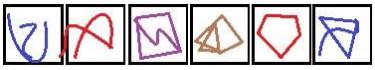
Story Problem

(Story problem supported with picture representations and manipulatives are provided on the following two pages.)

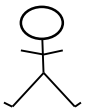
Mrs. Hill's 4th grade class is going to make a mural to hang in the hallway. Each student has been asked to draw a picture of himself/herself on a 1-square foot piece of poster board. There are 16 students in the class. Mrs. Hill plans to piece the posters together in 4 rows with 4 posters in each row to make the mural one large square.

9. What will the perimeter of the wall mural be? _____ ft.

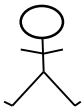
10. What will the area of the wall mural be? _____ ft^2



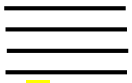
Mrs. Hill's class is going to make a mural to hang in the

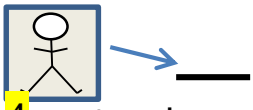


Each student has been asked to draw a picture of himself/herself on a 1-square foot piece of poster board.



There are 16 students in the class.





Mrs. Hill plans to piece the posters together in 4 rows with 4 posters in each row to make the mural one large square.

Using manipulatives and grid paper create the mural of 16 student pictures. Use the model to answer the questions.