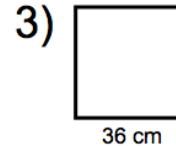
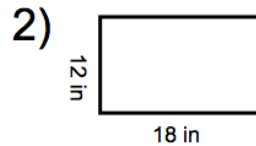
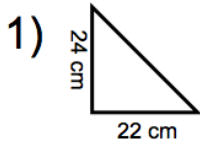


Homework for 2/9/15

For each problem that involves double-digit multiplication, use two methods to solve the problem. For problems, 1 - 3, find the area of the figure.



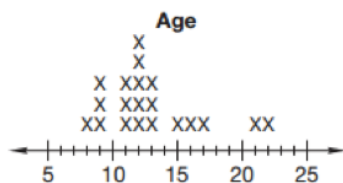
- 4) Draw a rectangle. Shade $\frac{3}{5}$ of it. What percent of the rectangle is shaded?
- 5) There were 20 children in one line, 15 children in the second line, and 12 children in the third line, and 13 children in the last line. A teacher had the children move around until each line had the SAME NUMBER of children in it. How many children were there in each line? (Hint: Think about the mean!)

- 6) What does the function do to each "in" number?

In	8	12	16
Out	2	3	4

If 36 is used as the "in" number, what will be the "out" number?

- 7) What mixed number is $\frac{3}{5}$ of 67?
- 8) An iPad is about 9 cm 5 mm long. How many millimeters long is an iPad?
- 9) Use the line plot below to answer each question.



Mr. Taylor opened an arcade in Rensselaer. The ages of each person are listed on the line plot.

- a) What's the median age of his customers?
 b) What's the mode age of his customers?
 c) What's the range of the customers?

- 10) Dylan grew 3 inches this year. If Dylan was 4 ft. 8 inches last year, what is his total height in inches?

11) $5408 \div 9$

12. *w*

$$\begin{array}{r} (14) \\ - 32,436 \\ \hline 19,724 \end{array}$$