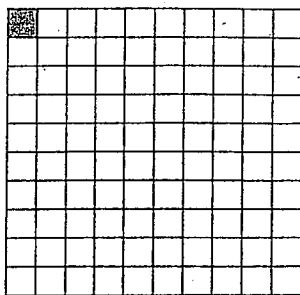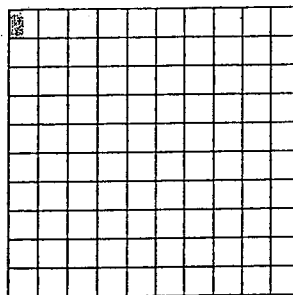Pre-Algebra
Percents Intro

Use the grids below for questions 1-11.
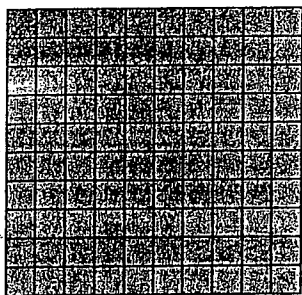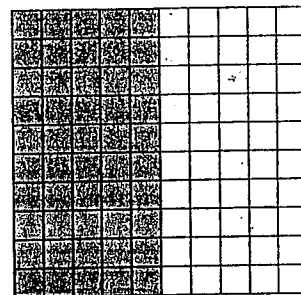

Grid # 1   Grid # 2   Grid # 3   Grid # 4

Choose the number of the grid that represents each percent.

1) $\frac{1}{2}$%   2) 1%   3) 50%   4) 100%

Tell how much of a ten-by-ten grid you would have to shade to represent each percent.

5) $\frac{1}{5}$%   6) 20%   7) $\frac{2}{3}$%   8) $66\frac{2}{3}$%

What percent would you obtain if you added the percents represented by:
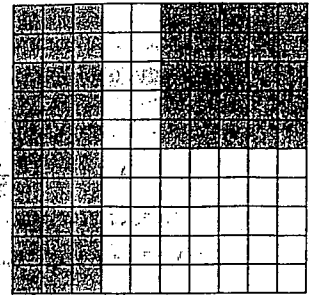
9) grids 1 and 2   10) grids 1 and 3   11) grids 1 and 4

Use the grid below. Write each ratio as a fraction in simplest form, as a decimal, and as a percent.

12) dark squares in columns 1, 2, 3 : all squares

13) dark squares in columns 6, 7, 8, 9, 10 : all squares
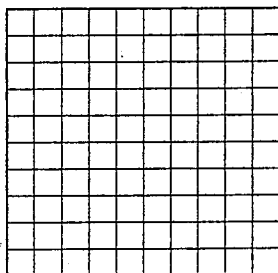
14) blank squares : all squares

Model each number by shading squares on four separate ten-by-ten grids.
Grids are below

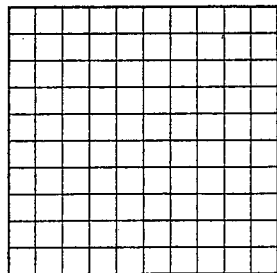15) $\dfrac{3}{4}$ 16) $\dfrac{2}{5}$ 17) 0.15   18) 0.08

Use your models to write each number in 15-18 above as a percent.
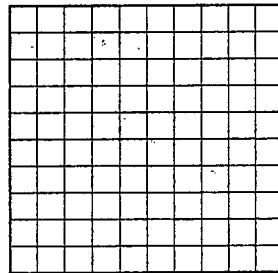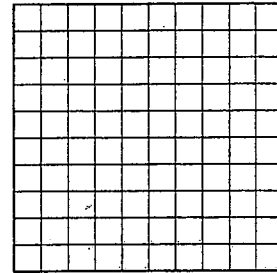
19)   20)   21)   22)

⑮   ⑯   ⑰   ⑱

Make up your own percent here: