#80

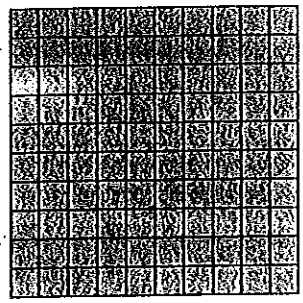
Name _____

Date _____

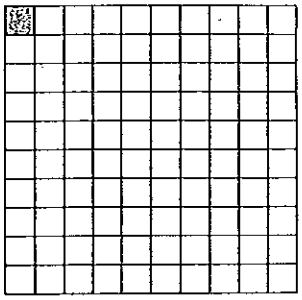
Period _____

Pre-Algebra
Percents Intro

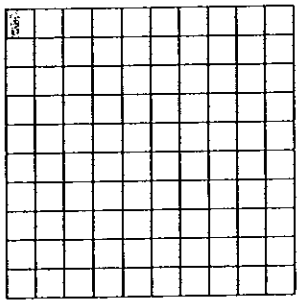
Use the grids below for questions 1-11.



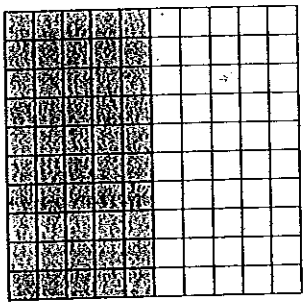
Grid # 1



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%

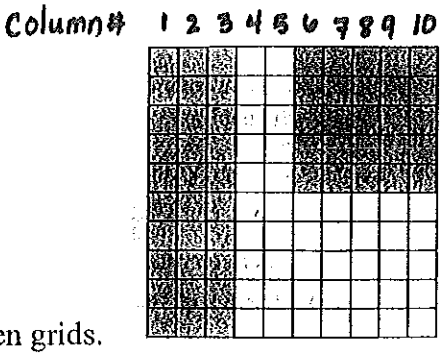
Tell how much of a ten-by-ten grid you would have to shade to represent each percent.

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

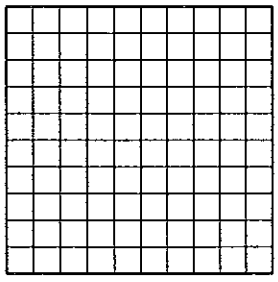
Model each number by shading squares on four separate ten-by-ten grids. Grids are below

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

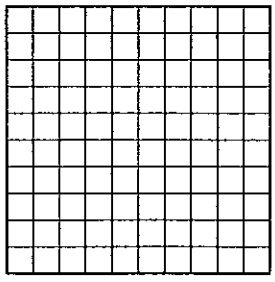
Use your models to write each number in 15-18 above as a percent.

19) 20) 21) 22)

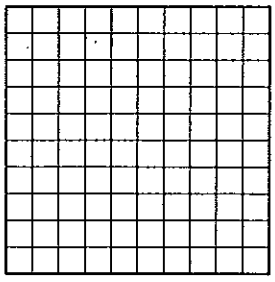
(15)



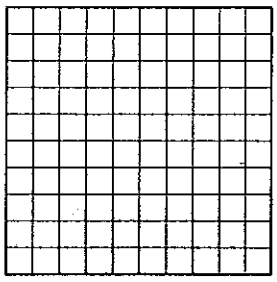
(16)



(17)



(18)



Make up your own percent here: