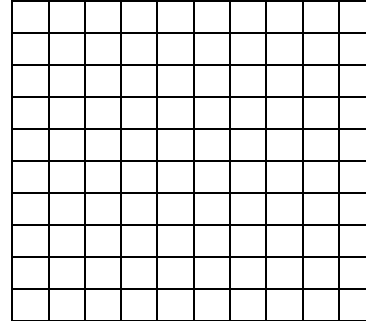
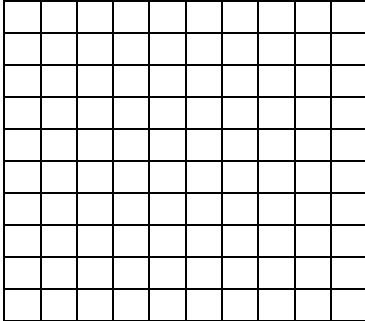


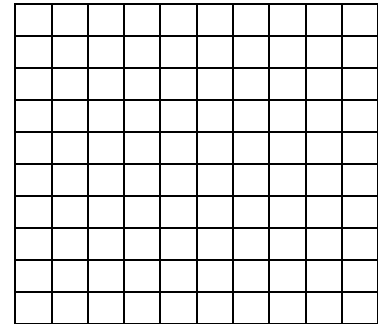
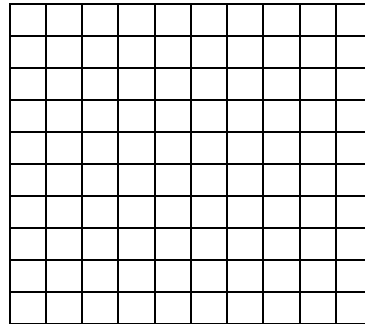
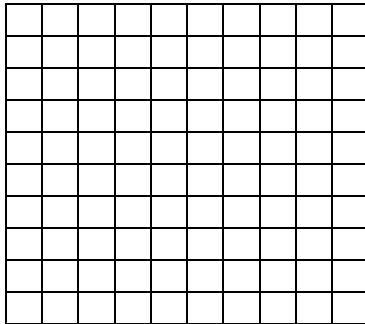
1. Represent each of the following on separate 100 –square grids.

a. 6.5%

b. 40%



c. 245%



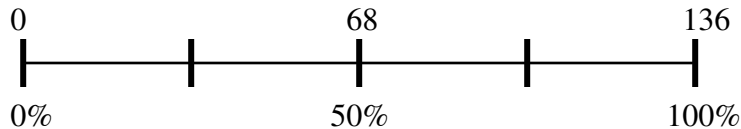
2. Write each of the following as a decimal and as a fraction.

a. 6.5%

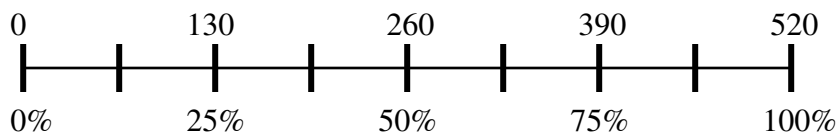
b. 40%

c. 245%

3. Use the number line to answer this question: 34 is what percent of 136?



4. Use the number line to find 87.5% of 520.



5. Write each percent as a decimal

a. 84%

b. 7.2%

c. $4\frac{7}{8}\%$

d. 675%

6. Write each decimal as a percent

a. 0.45

b. 2.75

c. 0.09

d. 72

7. Write each percent as a fraction

a. 75%

b. 6.75%

c. $16\frac{2}{3}\%$

d. 65%

8. Write each fraction as a percent

a. $\frac{3}{5}$

b. $\frac{3}{8}$

c. $\frac{5}{6}$

d. $\frac{1}{3}$

9. A college class started out with 56 students. After the drop date, there were 35 students. What was the percent of decrease in the class size.

10. A baby at birth weighed 6 pounds. At his first birthday he weighed 15 pounds. Find the percent of increase in the baby's weight.

11. a. What is 6% of \$35?

b. 18 is 30% of what?

c. $16\frac{2}{3}\%$ of what is 60?

d. What percent of 80 is 24?

e. 120 is what percent of 80?

f. What is 60% of 180?

12. On a 30 question multiple choice history test, a student answered 80% of the questions correctly. How many questions did the student answer correctly?

13. A box of Hot Tamales at the movie theatre costs \$1.75. The theatre pays about \$0.45. Find the percent of increase. Round to the nearest percent.

14. A shirt that costs \$120 is marked down 25%. This price is then reduced another 30%.

a. What is the sale price after the first markdown?

b. What is the sale price after the second markdown?

c. How much money is saved?

d. What is the percent of decrease?