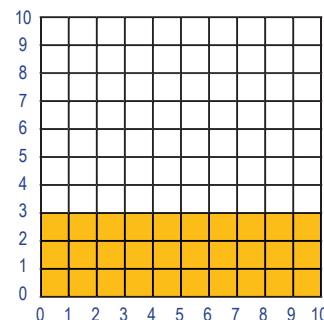


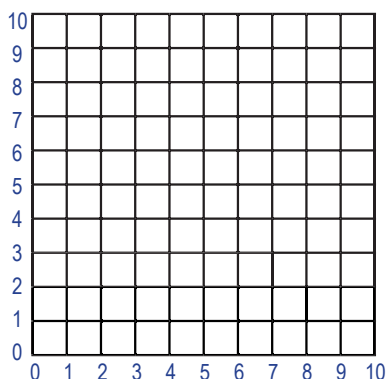
Name: _____

Modeling Percents on a Grid

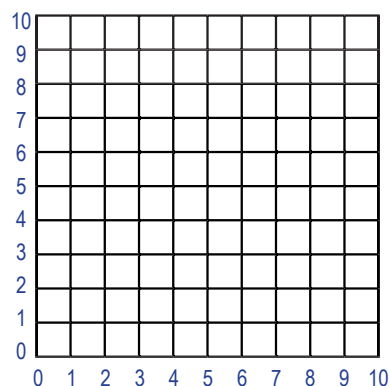
Percents are a rate per 100. We can use 10 x 10 grids to model a percent. For example this grid can represent 30%, which could be 30 out of 100 where each box represents 1, 60 out of 200 where each box represents 2, 120 out of 400 where each box represents 4, or an infinite number of other examples.



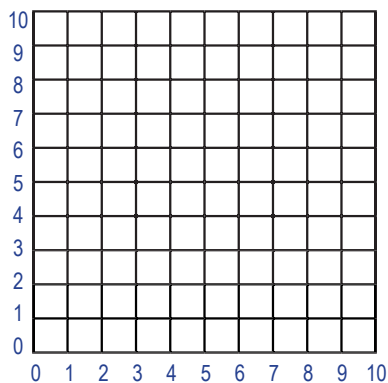
1. Use the 10 x 10 to model 17%.



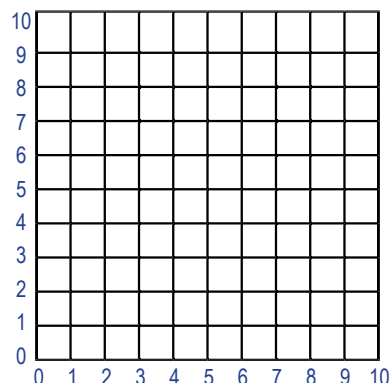
2. Use the 10 x 10 grid to model a percent that represents 640 out of 800. (Hint: Each square in the model is worth _____.)



3. Marty has 400 acres of land. Eighty of the acres are covered with apple orchards. Model the percent that is covered by apples on the 10 x 10 grid.



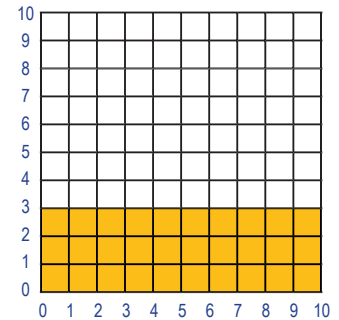
4. Jose owns 200 acres of land. Sixty of the acres have corn growing on them. 45% of the field has cucumbers growing. The rest of the land is being used for growing soybeans. What percent is left for the soybeans? Model your answer on the 10 x 10 grid.



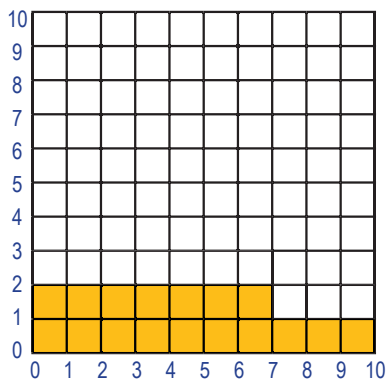
Name: _____

Modeling Percents on a Grid

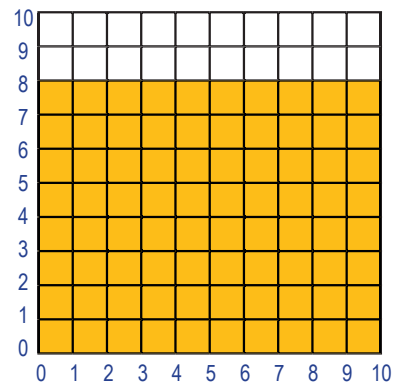
Percents are a rate per 100. We can use 10 x 10 grids to model a percent. For example this grid can represent 30%, which could be 30 out of 100 where each box represents 1, 60 out of 200 where each box represents 2, 120 out of 400 where each box represents 4, or an infinite number of other examples.



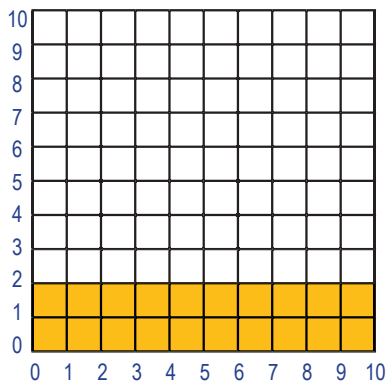
1. Use the 10 x 10 to model 17%.



2. Use the 10 x 10 grid to model a percent that represents 640 out of 800. (Hint: Each square in the model is worth 8.)



3. Marty has 400 acres of land. Eighty of the acres are covered with apple orchards. Model the percent that is covered by apples on the 10 x 10 grid.



4. Jose owns 200 acres of land. Sixty of the acres have corn growing on them. 45% of the field has cucumbers growing. The rest of the land is being used for growing soybeans. What percent is left for the soybeans? Model your answer on the 10 x 10 grid.

30% Corn
 45% Cucumbers
 25% Soybeans

