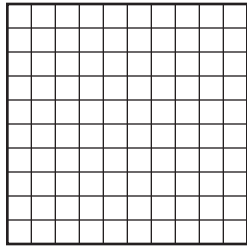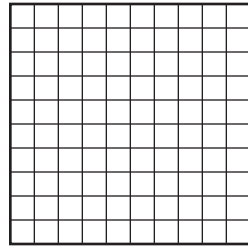## Understanding of Place Value

Name: _____

1 The decimal grid in each model represents 1 whole. Shade each model to show the decimal number below the model.

0.5   **0.05**

Complete the comparison statements.

0.05 is _____ of 0.5.   0.5 is _____ times the value of 0.05.

Complete the equations.

0.5 ÷ _____ = 0.05   0.05 × _____ = 0.5

2 Draw a number line from 0 to 2. Then draw and label points at 2 and 0.2.

Use the number line to explain why 2 is 10 times the value of 0.2.

Complete the equations to show the relationship between 2 and 0.2.

0.2 × _____ = 2

2 ÷ _____ = 0.2

3 Which type of model do you like best? Explain why.