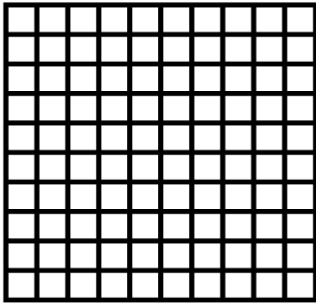


Name: \_\_\_\_\_

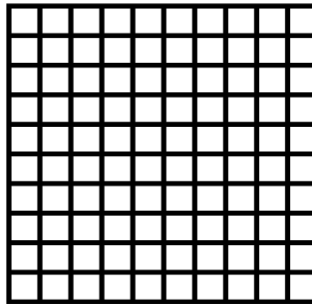
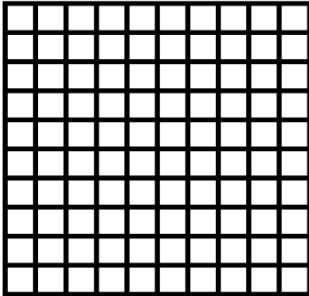
**Homework 2/11/19**

**Due Wednesday**

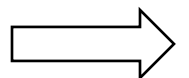
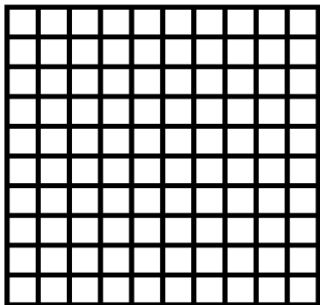
- 1) When multiplying a whole number by a decimal using an area grid do you:
  - a. Create groups of the decimal number
  - b. Overlap both numbers
- 2) When multiplying a decimal by a decimal using an area grid do you:
  - a. Create groups of the decimal number
  - b. Overlap both numbers
- 3) Solve using the grid:  $3 \times 0.2 =$  \_\_\_\_\_



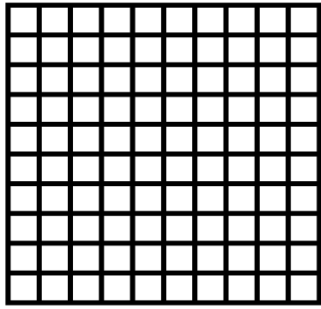
- 4) Solve using the grid:  $4 \times 0.3 =$  \_\_\_\_\_



- 5) Solve using the grid:  $0.5 \times 0.6 =$  \_\_\_\_\_



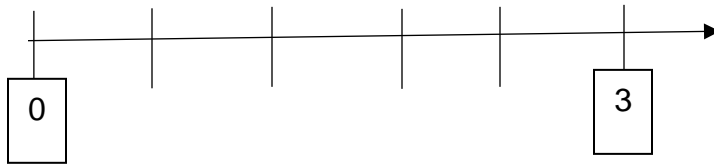
6) Solve using the grid:  $0.9 \times 0.3 =$  \_\_\_\_\_



7)  $14.6 \times 0.7 =$  \_\_\_\_\_

8)  $0.93 \times 0.8 =$  \_\_\_\_\_

9) Complete the number line to solve the equation:  $3 \div 0.6 =$  \_\_\_\_\_



Solve the equations. Think of which number is your divisor and your dividend (goes inside the house).

10)  $3.65 \div 5 =$  \_\_\_\_\_

11)  $15.4 \div 7 =$  \_\_\_\_\_

12)  $20 \div 0.6 =$  \_\_\_\_\_

13)  $135 \div 0.4 =$  \_\_\_\_\_

14)  $12.5 \div 0.5 =$  \_\_\_\_\_

15)  $1.8 \div 0.6 =$  \_\_\_\_\_

Think about if the word problems are multiplication or division:

16) Neha's Yarn Company has a machine that produces 8.7 yards of blue yarn per minute. How many yards of blue yarn can the machine produce in 20 minutes?  
\_\_\_\_\_

17) A lollipop factory used 198.3 kilograms of sugar to make 6 batches of lollipops. How much sugar did the factory put in each batch? \_\_\_\_\_