Section D: Practice Problems
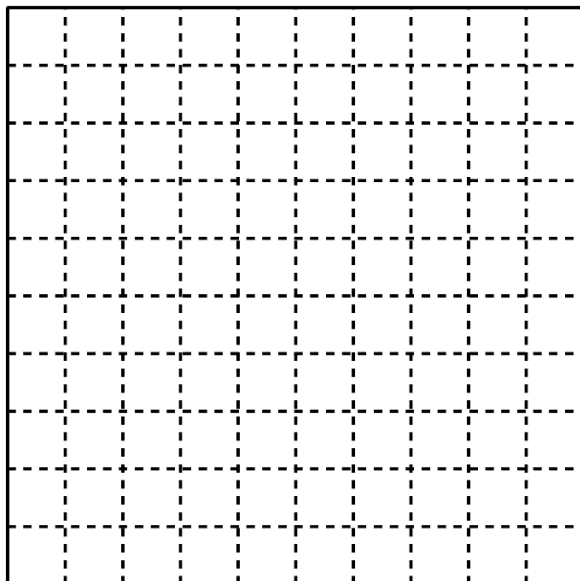
    a.   Find the value of $1 \div 0.01$. Use the diagram if it is helpful.

    b.   Jada says that there are 100 hundredths in 1 so $1 \div 0.01$ is 100. Do you agree with Jada? Show or explain your reasoning.
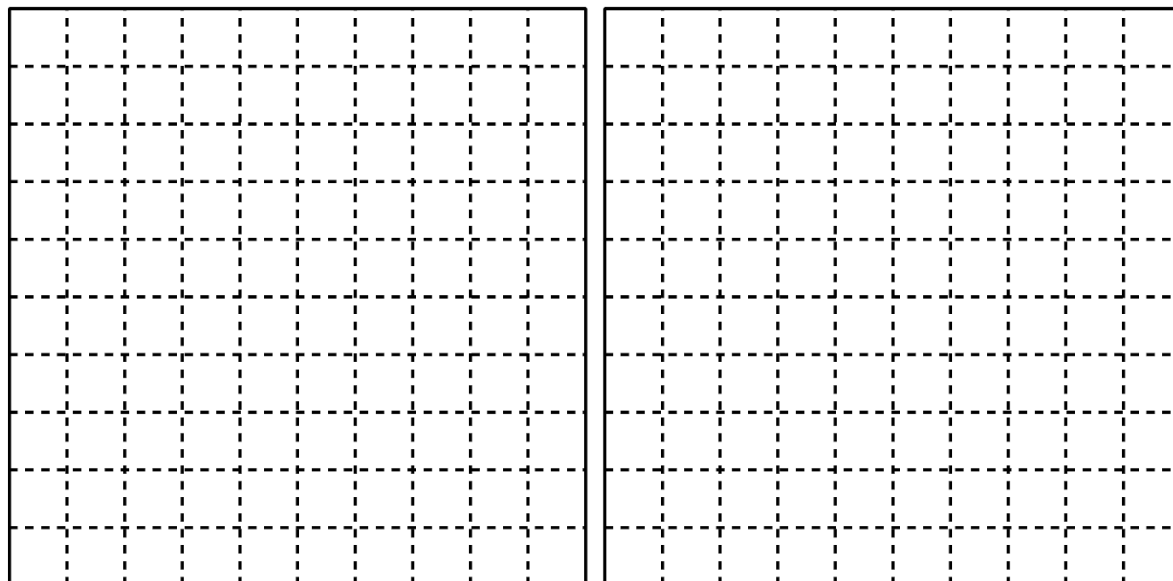
(From Unit 5, Lesson 22.)

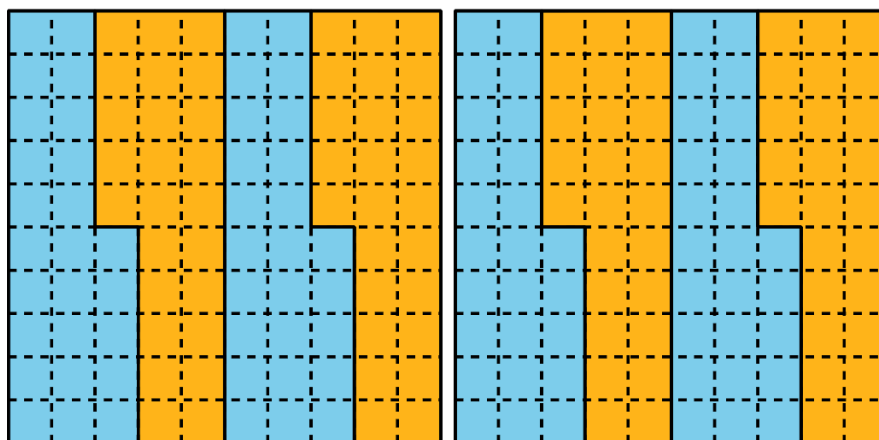   a.   Find the value of $2 \div 0.2$. Use the diagram if it is helpful.

    b.   Find the value of $21 \div 0.2$

(From Unit 5, Lesson 23.)

1.   Here is a diagram.

    a.   Explain or show how the diagram shows $200 \div 25$. What is the value of the expression?
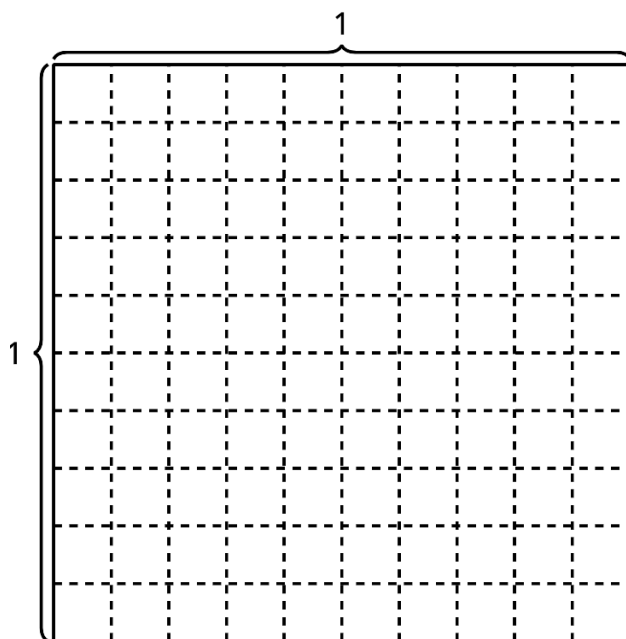
b. Explain or show how the diagram shows $2 \div 0.25$. What is the value of the expression?

(From Unit 5, Lesson 23.)

2. Find the value of each expression. Explain or show your reasoning.

 a. $0.2 \div 5$. Use the diagram if it is helpful.

 b. $6 \div 3$

 c. $6 \div 0.3$

(From Unit 5, Lesson 24.)

3. Find the value of each expression. Explain or show your reasoning.

 a. $0.5 \div 0.1$

 b. $0.5 \div 0.01$

 c. $3.5 \div 0.01$

(From Unit 5, Lesson 25.)

4. Exploration

Noah has a scale that weighs to the nearest ounce. The table shows the weights of different numbers of paper clips in ounces.

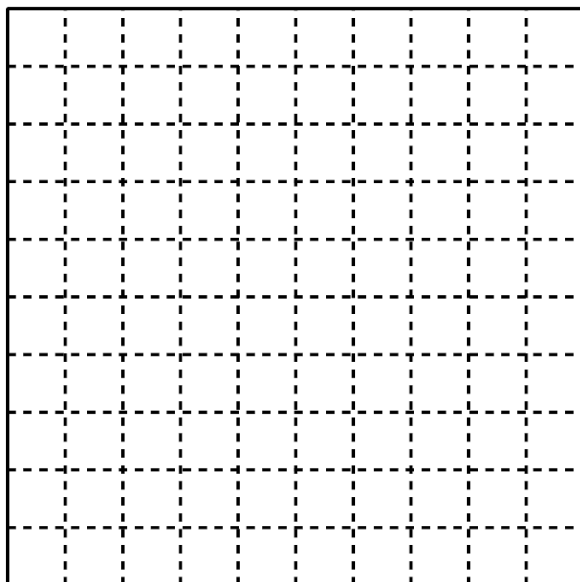| paper clips	weight
1	0
10	0
20	1
25	1
50	2
100	3

How many ounces do you think each paper clip weighs? Explain or show your reasoning.

5. Exploration

The daily recommended allowance of vitamin C for a 5th grader is 0.05 grams.

a. A vitamin C tablet has 1 gram of vitamin C. How many times the daily recommended allowance of vitamin C is one vitamin C tablet? Use the diagram if it is helpful.
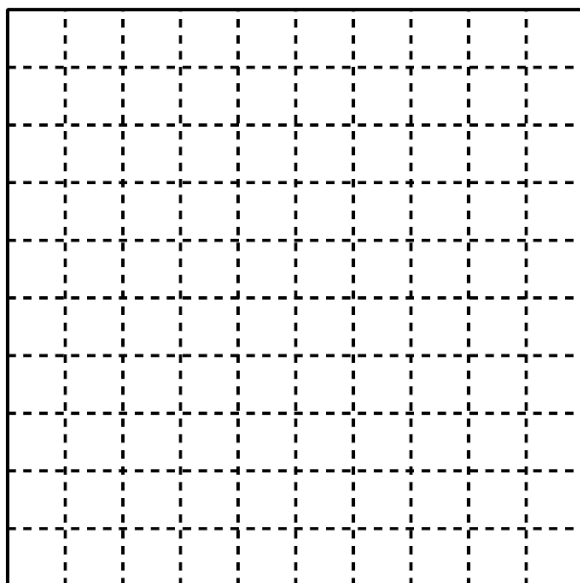
b. A large orange has 0.18 grams of vitamin C. How many times the daily recommended allowance of vitamin C is in a large orange? Use the diagram if it is helpful.