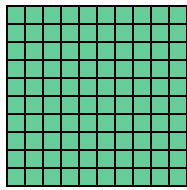


Name: _____

1.



flat



rod

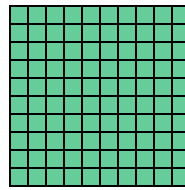


square

1

Fill in the values above.

2.



flat



rod

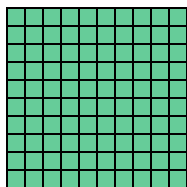


square

10

Fill in the values above.

3.



flat



rod

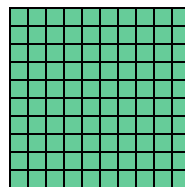


square

100

Fill in the values above.

4.



flat



rod

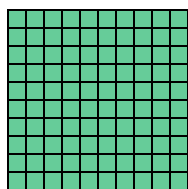


square

1,000

Fill in the values above.

1.



flat



rod



square

1,000

100

10

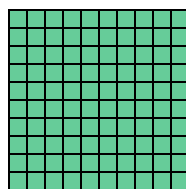
$$5 \text{ flats} + 2 \text{ rods} + 6 \text{ squares} = \underline{5,260}$$

$$5 \times 1,000 = 5,000$$

$$2 \times 100 = 200$$

$$6 \times 10 = 60$$

2.



flat



rod

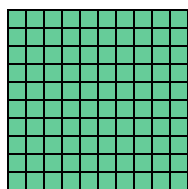


square

10

$$4 \text{ flats} + 1 \text{ rod} + 3 \text{ squares} = \underline{\hspace{2cm}}$$

3.



flat



rod

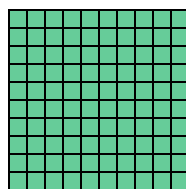


square

100

$$6 \text{ flats} + 5 \text{ rods} + 9 \text{ squares} = \underline{\hspace{2cm}}$$

4.



flat



rod

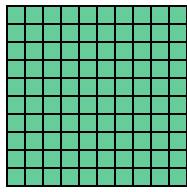


square

1

$$7 \text{ flats} + 8 \text{ rods} + 4 \text{ squares} = \underline{\hspace{2cm}}$$

1.



flat



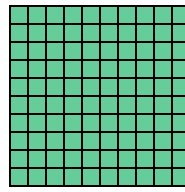
rod



square

$$3 \text{ flats} + 5 \text{ rods} + 4 \text{ squares} = \underline{\hspace{2cm}}$$

2.



flat



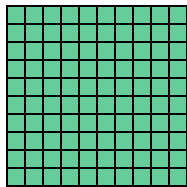
rod



square

$$2 \text{ flats} + 6 \text{ rods} + 1 \text{ square} = \underline{\hspace{2cm}}$$

3.



flat



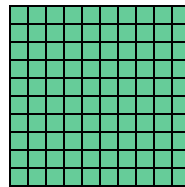
rod



square

$$8 \text{ flats} + 5 \text{ rods} + 4 \text{ squares} = \underline{\hspace{2cm}}$$

4.



flat



rod

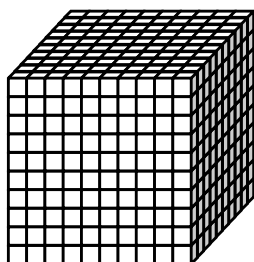


square

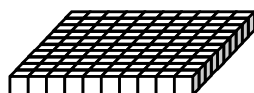
$$9 \text{ flats} + 6 \text{ rods} + 7 \text{ squares} = \underline{\hspace{2cm}}$$

Use the small cube, the rod, the flat, and the large cube to think flexibly and proportionally. Show your thinking by writing words or equations.

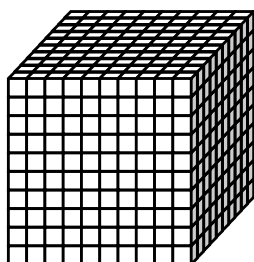
- a. The small cube has a value of $\frac{1}{100}$. What is the value of the large cube?



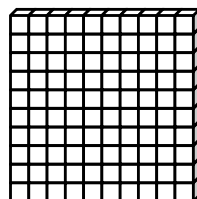
?

 $\frac{1}{100}$

- b. The large cube has a value of 100. What is the value of the small cube?



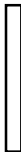
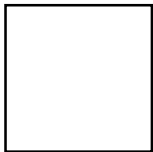
100



?

BASE VALUE - C

Follow the pattern in the first table to fill the missing information in the tables below.



Flat:	Rod:	Square:
100 squares	10 squares	1 squares
10 rods	1 rod	1/10 rod
1 flat	1/10 flat	1/100 flat

Dollar:	Dime:	Penny:
100 pennies	10 pennies	1 pennies
10 dimes	_____ dime	1/10 dime
_____ dollar	1/10 dollar	_____ dollar

Century:	Decade:	Year:
100 years	10 years	1 year
_____ decades	_____	_____
_____	_____ century	_____