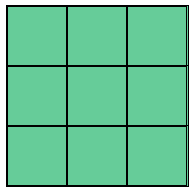


Name: _____

1.



flat



rod



square

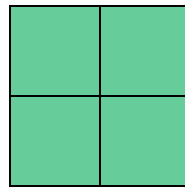
9

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Fill in the values above.

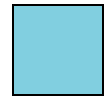
2.



flat



rod



square

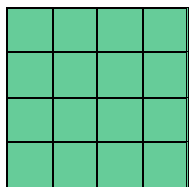
4

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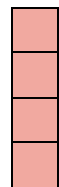
--

Fill in the values above.

3.



flat



rod



square

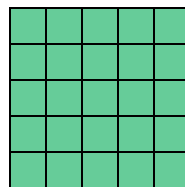
16

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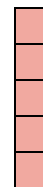
--

Fill in the values above.

4.



flat



rod



square

25

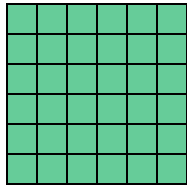
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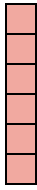
Fill in the values above.

Name: _____

1.



flat



rod

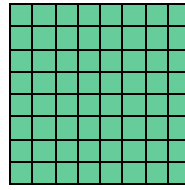


square

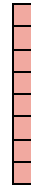
36

Fill in the values above.

2.



flat



rod

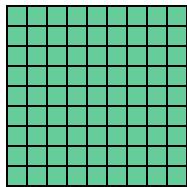


square

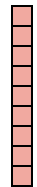
64

Fill in the values above.

3.



flat



rod

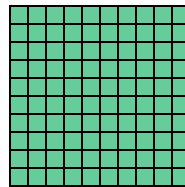


square

81

Fill in the values above.

4.



flat



rod



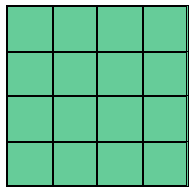
square

100

Fill in the values above.

Name: _____

1.



flat



rod

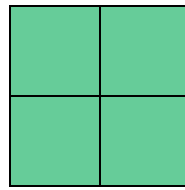


square

64

Fill in the values above.

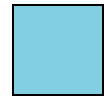
2.



flat



rod

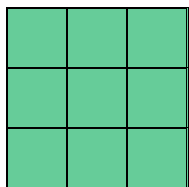


square

8

Fill in the values above.

3.



flat



rod

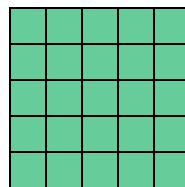


square

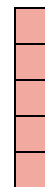
27

Fill in the values above.

4.



flat



rod



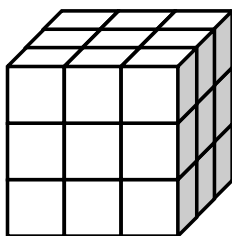
square

125

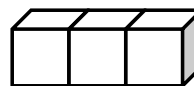
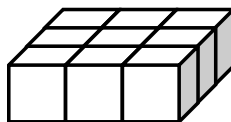
Fill in the values above.

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 3. What is the value of the large cube?

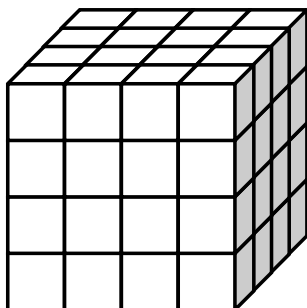


?

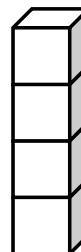
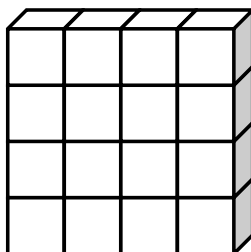


3

- b. The large cube has a value of 256. What is the value of the small cube?



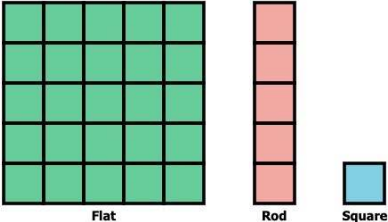
256



?

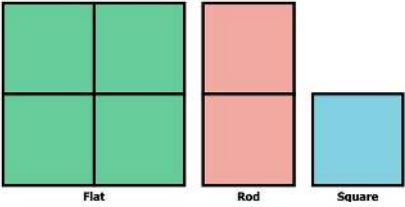
BASE VALUE - A

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



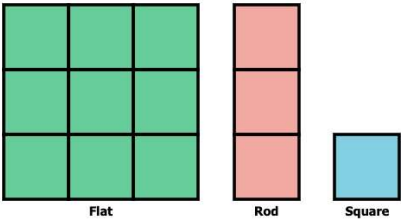
Flat Rod Square

Flat:	Rod:	Square:
25	5	1
125	25	5



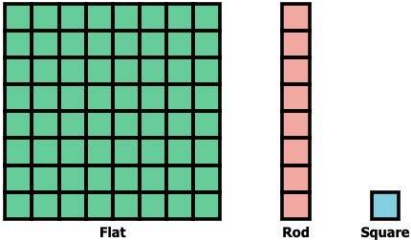
Flat Rod Square

Flat:	Rod:	Square:
	2	
8		2



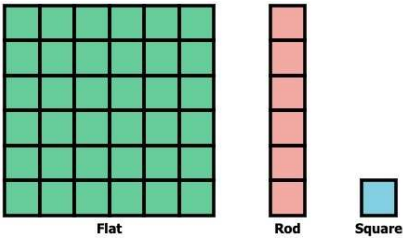
Flat Rod Square

Flat:	Rod:	Square:
	3	
		3



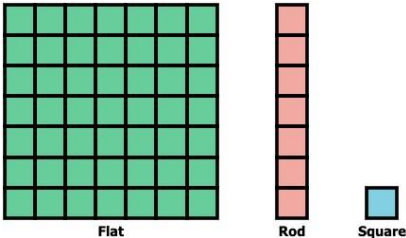
Flat Rod Square

Flat:	Rod:	Square:
		2
512		



Flat Rod Square

Flat:	Rod:	Square:
		3
	36	



Flat Rod Square

Flat:	Rod:	Square:
98		
	49	