

Name: _____

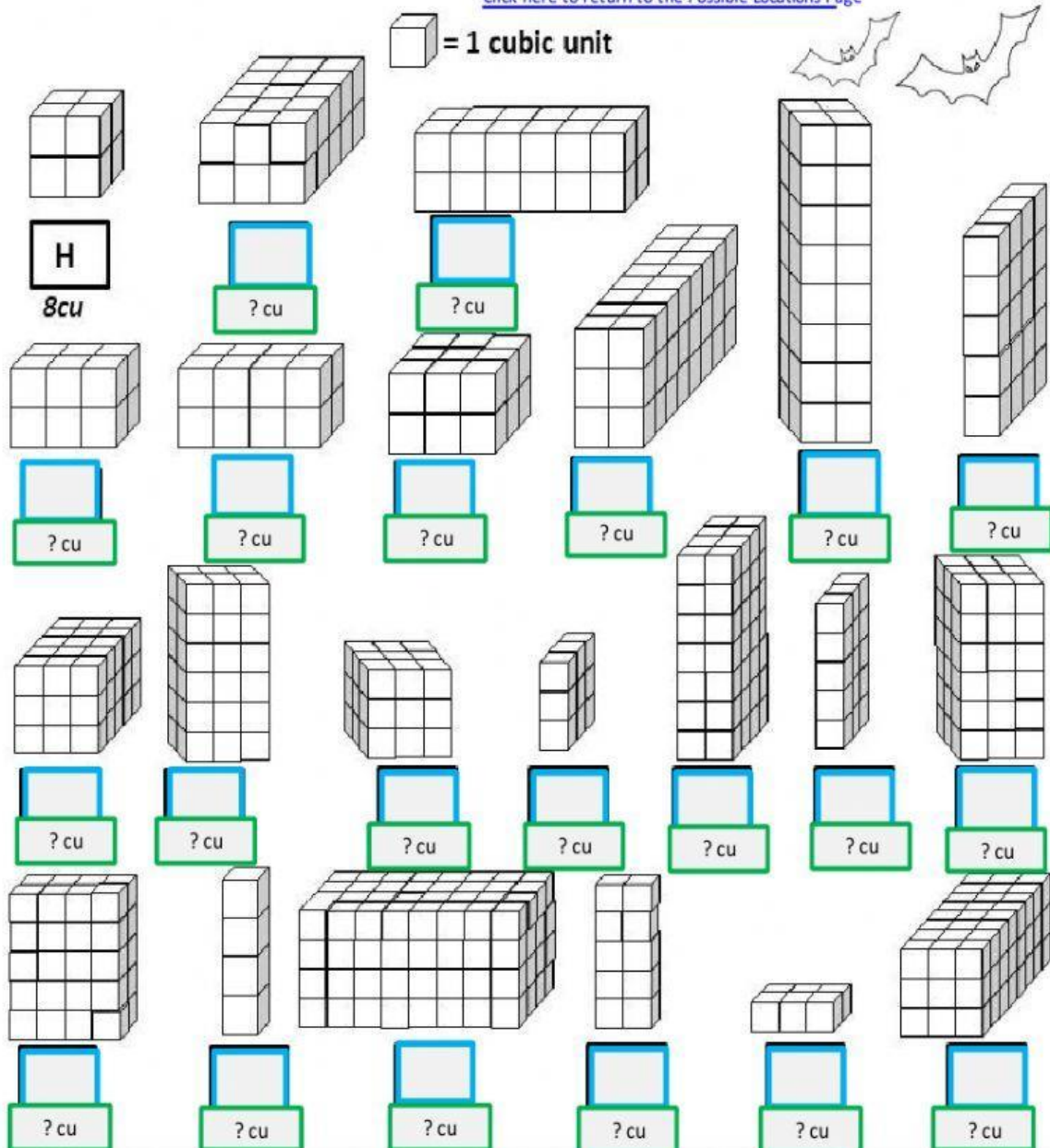
Mrs J's Resource Creations©

VOLUME (HIDDEN CUBIC UNITS)- CLUE 2

Reveal a clue by solving the volume of the rectangular prisms below. **Think about the cubes you might not be able to see!** Write the letter that equals your answer (see the bottom of the page) into the matching box under the figure. The first one has been done for you.

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 = 1 cubic unit



Each prism is composed of small cubes. The volume of each prism is to be determined by counting the visible cubes and estimating the hidden ones. The first prism is a 2x2x2 cube, which is 8 cubic units. The letter 'H' is written in the box below it, and '8cu' is written next to it. The other 23 prisms are of various sizes and orientations, and their volumes are to be determined similarly. Each prism has a box below it with '? cu' written in it.

8 cu = H

48 cu = F

128 cu = O

27 cu = A

20 cu = N

9 cu = B

56 cu = O

24 cu = S

32 cu = I

12 cu = C

18 cu = F

4 cu = R

72 cu = D

40 cu = G

30 cu = I

10 cu = U

6 cu = N

16 cu = O

45 cu = I

54 cu = E

15 cu = V

36 cu = S