

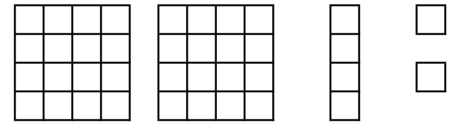
Quiz 3

This is a two-stage quiz. During the first stage, use your knowledge & calculator to take this quiz. You have 15 min. In the second stage, you are now welcome to use your books, notes, and students in the class to retake the same quiz. You have 15 min. to write one solution (with everyone's name on it!!!) to be turned in for the group.

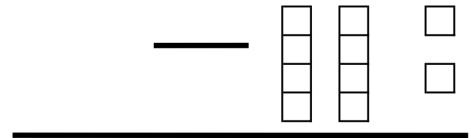
Show your work as you would for a *colleague*. Partial credit requires reasonable support.

1. Consider the problem shown to the right

- (a) [1] What base is the subtraction problem using?



- (b) [2] Write the above subtraction question in positional notation for the given base.



- (c) [2] Perform the subtraction. Make note of any regrouping.

2. [1] Circle the operation that should be performed first. You do *not* need to compute the expression.

$$36 + 18 \times 40 - 15$$

3. [4] The work below is incorrect. Find the errors and explain why/how the error might have happened. You do *not* need to provide the correct work.

