Score: _____ out of 10.

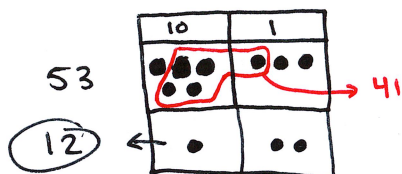Name: _____ key _____

Show all work clearly and in order.

1. Sketch the solution to $53 - 41$ using

   (a) Base 10 blocks.
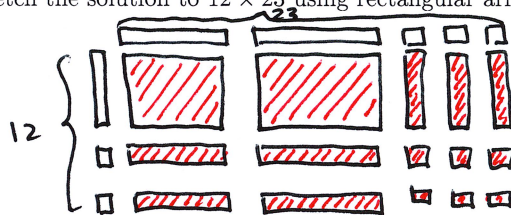

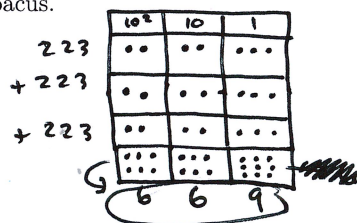   (b) A chip abacus.

   (c) Place value representation.

2. Sketch the solution to 12×23 using rectangular array model with base 10 blocks.

$$\begin{array}{r} 200 \\ +70 \\ +6 \\ \hline 276 \end{array}$$

3. Sketch the solution to 223×3 using

   (a) A chip abacus.

   (b) Place value representation.