**Alternate and invented addition strategies**:

Do each of the following using a. the Expanded algorithm, and b. the UK algorithm.

1.  2. 

Do the following problems from the Bassarear *Mathematics for Elementary School Teachers* text pg 150 (in 3rd edition it is pg. 146)

 # 4 a

# 5: explain why it works, and how it compares to the expanded algorithm

# 6

**Mental math strategies:**

From the problems in #11 on page 151 of the textbook

A. Choose an appropriate one of the problems and show/explain how to solve it using the **leading digit** strategy.

B. Choose an appropriate one of the problems and show/explain how to solve it using the **compensation** strategy.

C. Choose an appropriate one of the problems and show/explain how to solve it using the **break and bridge** strategy.

D. Choose an appropriate one of the problems and show/explain how to solve it using the **compatible numbers** strategy.