

Math 110-102 Quiz 2 Fall 2009 NAME:

1. Add the following in the appropriate bases.

$$\begin{array}{r} 2 \ 2 \ 3 \text{ five} \\ (a) \ + \ 4 \ 1 \ 2 \text{ five} \\ \hline \end{array}$$

$$\begin{array}{r} 2 \ 3 \ 3 \text{ four} \\ (b) \ + \ 1 \ 2 \ 3 \text{ four} \\ \hline \end{array}$$

2. Subtract the following in the appropriate bases.

$$\begin{array}{r} 7 \ 3 \ 6 \text{ eight} \\ (a) \ - \ 4 \ 1 \ 5 \text{ eight} \\ \hline \end{array}$$

$$\begin{array}{r} 1 \ 1 \ 0 \ 3 \text{ four} \\ (b) \ - \ 3 \ 1 \ 3 \text{ four} \\ \hline \end{array}$$