

Addition algorithms

3-digit with trading

$$\begin{array}{r} 1 \quad a \quad 37 \\ 64 \\ 28 \\ + 43 \\ \hline \end{array}$$

$$\begin{array}{r} b \quad 58 \\ 19 \\ 20 \\ + 64 \\ \hline \end{array}$$

$$\begin{array}{r} c \quad 72 \\ 16 \\ 85 \\ + 57 \\ \hline \end{array}$$

$$\begin{array}{r} d \quad 55 \\ 94 \\ 78 \\ + 46 \\ \hline \end{array}$$

$$\begin{array}{r} e \quad 80 \\ 39 \\ 69 \\ + 63 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \quad a \quad 342 \\ + 113 \\ \hline \end{array}$$

$$\begin{array}{r} b \quad 216 \\ + 453 \\ \hline \end{array}$$

$$\begin{array}{r} c \quad 206 \\ + 345 \\ \hline \end{array}$$

$$\begin{array}{r} d \quad 374 \\ + 518 \\ \hline \end{array}$$

$$\begin{array}{r} e \quad 158 \\ + 629 \\ \hline \end{array}$$

$$\begin{array}{r} f \quad 407 \\ + 287 \\ \hline \end{array}$$

$$\begin{array}{r} g \quad 634 \\ + 279 \\ \hline \end{array}$$

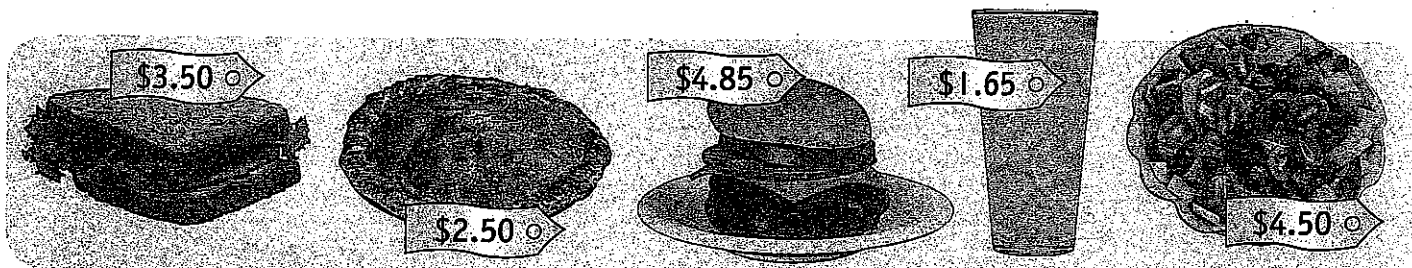
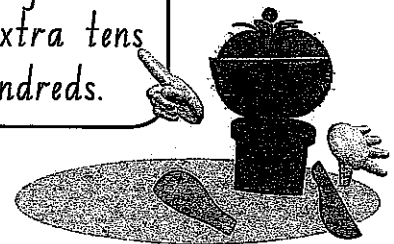
$$\begin{array}{r} h \quad 255 \\ + 463 \\ \hline \end{array}$$

$$\begin{array}{r} i \quad 193 \\ + 754 \\ \hline \end{array}$$

$$\begin{array}{r} j \quad 264 \\ + 584 \\ \hline \end{array}$$

$$\begin{array}{r} k \quad 323 \\ + 597 \\ \hline \end{array}$$

Don't forget to add the extra tens and hundreds.



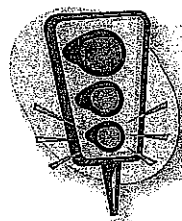
3 Calculate mentally the price of:

- a a sandwich and a drink. _____
- b a hamburger and a fruit salad. _____
- c a pie and a drink. _____
- d a sandwich and a pie. _____
- e a hamburger and a sandwich. _____
- f a drink and a fruit salad. _____

4 Write algorithms for the cost of:

- a a pie, a sandwich and a fruit salad.

- b 3 hamburgers.



Challenge! What is the total cost of buying 2 of each item for a family picnic?

