



## Problem of the Week

### Problem E

### Recovering Costs

In August, September and October, POTW Motors paid a constant price of \$1.25 per litre of fuel.

In September, they used  $x\%$  more litres of fuel than in August, where  $x$  is some positive number. In October, they used  $x\%$  less litres of fuel than in September.

The bookkeeper for POTW Motors forgot to record how much the company paid for fuel in September. However, she does know that POTW Motors paid a total of \$3125 for fuel in August and \$3080 for fuel in October.

Determine POTW Motor's total fuel cost for September.

