



## Problem of the Week

### Problem E

#### Not As Easy As $a, b, c$

Three real numbers,  $a, b$  and  $c$ , have a sum of 158 and a product of 74 088. Also,  $b = ar$  and  $c = ar^2$ , for some real values of  $r$ . Find all ordered triples  $(a, b, c)$ .

$$(a, b, c)$$

