



Problem  
**185**

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\* Let  $a = b$

Then  $a^2 = ab$

And  $a^2 - b^2 = ab - b^2$

Thus,  $(a + b)(a - b) = b(a - b)$

So that  $(a + b) = b$

Therefore  $a + a = a$

And  $2a = a$

Therefore  $2 = 1$ .

\* Not my original problem.