

The Proof

$$100 = 100$$

$$96 + 4 = 96 + 4$$

$$96 = 96 + 4 - 4$$

$$96 - 96 = 4 - 4$$

$$48 (2 - 2) = 2 (2 - 2)$$

$$48 (2 - 2)/(2 - 2) = 2(2 - 2)/(2 - 2)$$

$$48 = 2$$

$$24 = 1$$

The Solution

At first glance, the impossible seems possible in this classic math teaser. But upon closer inspection, a simple rule from elementary school provides the solution.

See it yet?

You can't divide by zero.

Dividing both sides by $(2 - 2)$ is the same as dividing by zero.

This is a very handy problem to use on teens who think they know **EVERYTHING** about math by this point and have nothing useful left to study in the subject.