



Level 2

## *Logic/Reasoning Olympics*

A1.  $123 - 45 - 67 + 89$ .

A2. If a chicken and a half can lay an egg and a half in a day and a half, let's double the number of chickens, to three chickens. Because one and a half chickens laid one and a half eggs, three chickens laid three eggs in a day and a half. So, one chicken lays one egg in a day and a half. And two chickens will lay four eggs in three days. So, if two chickens can lay four eggs in three days, then two chickens can lay 32 eggs in 24 days.

A3. What they're measuring is the passage of time. One is the sandglass, which has thousands of grains of sand. The other is the sundial, which has no moving parts.

Both of them measure the passage of time.



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