

Maps

ANDREA 3 hours we've been walking Victor. You said it'd only take one! We're gonna be late for the BBQ!

VICTOR I know, I know. Look, let's stop at the cafe and figure this out.

ANDREA Hang on, the cafe? That means we're only halfway!

VICTOR Um yeah, I don't get it. I definitely plotted the right bearing.

AL GEBRA This was a heinous hiking honey trap, and they'd walked right into it.

The name's Al. Private Detective.

Yup - when it came to maps these bozos had taken more wrong turns than my Mom on a moped. It was time to find out the sheer scale of this thing...

The map was drawn to a scale of 1 to 500,000.

...I knew 1 metre was a 100 cm - and that meant the map scale had to be 1 cm to every 5,000 m.

ANDREA So every 1 cm on the map means walking 5 kilometers? Right?

Sorry.

AL GEBRA My guess was that they were walking approximately 5 km an hour.

So if they walked 5 km an hour for three hours it means they walked...

ANDREA 15 kilometers!

AL GEBRA Bingo.

At a scale of 1 cm to 5 km, 15 km meant they'd only moved 3 centimeters on the map - and the route this clown had planned measured approximately 6 cm all together.

Bitesize

ANDREA That's another 3 hours! The BBQ starts in 1 hour and I'm starving.

VICTOR Ow, I said I'm sorry!

AL GEBRA 0.8 cm. Multiply that by 5 km equals 4 km. At a pace 5 km an hour that's...

VICTOR Less than an hour to get back! You're a life saver Al, how about you come to our...

AL GEBRA How about you two take a hike!

Case closed.