

FDMAT 108 - Week 7

By Three Kids in a Closet

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EXT. OUTDOOR CAFE - TAMIL NADU, INDIA - DAY

Sophia and her sidekick, Astrid, relax in their chairs, satisfied with their more-than-half-eaten massaman curry. Astrid picks up the receipt and squints at it.

ASTRID

Man, everything's so expensive here.

SOPHIA

Well, it might seem like it because it's in rupees, but one rupee is only 1.5 percent of a dollar. So if we pay 854 rupees for the meal...

She whips out her smartphone and taps in some calculations.

SOPHIA (CONT'D)

Then 854 times 0.015, that's only about 12 dollars and 50 cents.

ASTRID

Whoa! So it's actually cheap? Mind blown.

Sophia smiles.

ASTRID (CONT'D)

Did you learn that in one of your math classes?

SOPHIA

No, I looked it up on Google before we came. My math classes are way more fun. Well, should we meet up with your dad?

Astrid nods, and they rise.

2

EXT. TAMIL NADU, INDIA, WILDERNESS - LATER

Sophia and Astrid speed down a rugged dirt road on motorcycles. They race through thick trees, roaring past a sleeping sloth bear. Then the road declines, and they break through the trees into flat, treeless terrain. They come up on an excavation site with a few people milling about like they know what they're doing, because they do. They pull to a stop, dismount, and approach a tall, grizzled, middle-aged man with graying hair observing the digging. He's wearing gloves and holds a tiny dinosaur skull with remnants of rock and dirt still clinging to it. It's his pet project.

(CONTINUED)

ASTRID
How's it going, Dad?

PROFESSOR JONES
Astrid, there you are! Hi, Sophia.

SOPHIA
Hey, Professor Jones.

PROFESSOR JONES
What have you been up to all day?

Sophia and Astrid exchange a mischievous glance.

CREATIVE TRANSITION

3 EXT. SOMEWHERE IN INDIA - FLASHBACK

MONTAGE: Scuba diving/Indian-style boating in the ocean,
base jumping/parachuting, riding water buffalo, giggling
together at the café.

BACK TO

4 EXT. TAMIL NADU, INDIA, WILDERNESS

SOPHIA
(shrugging)
Oh, you know. Just sightseeing.

PROFESSOR JONES
(in childlike excitement)
Well, you're just in time. We did
some more digging on that fossil
you guys found, and we know what it
is now.
(gesturing with the skull)
Come here, come here!

He waves them over to the excavation pit, where diggers dig
busily and excitedly around a fossilized dinosaur nest.
Sophia and Astrid look on in awe.

SOPHIA
Are those...dinosaur eggs?

ASTRID
(simultaneously)
...Dragon eggs?

SOPHIA
(to Astrid, amused)
I wish.

(CONTINUED)

PROFESSOR JONES

They sure are. Dinosaur eggs. We don't know what kind yet.

ASTRID

How old are they?

PROFESSOR JONES

We'll know once we've dated them. We'll use exponential decay to get an accurate estimate.

ASTRID

(slowly smiling)

This sounds like a math thing.

Sophia and Professor Jones share a mischievous glance.

SOPHIA

It's called carbon-14 dating.

ASTRID

(recognizing the opportunity
for a JOKE)

Doesn't sound like my kind of dating.

Professor Jones chuckles and whips an exponential decay model from his jacket and hands it to Sophia.

ASTRID

Seriously, though, why is it called carbon-14 dating?

SOPHIA

Because we're literally measuring an element called carbon-14. It's really cool. Let me show you.

FADE TO BLACK