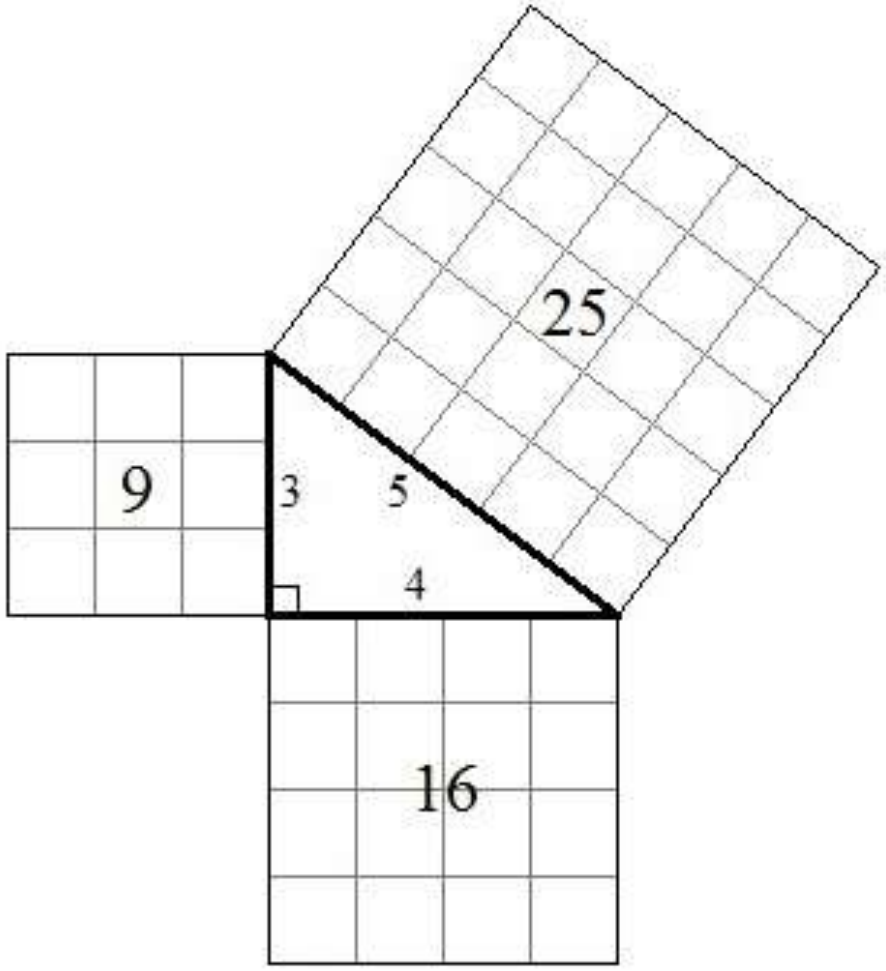
Pythagoras and other challenges

Curricular questions in implementation of First Peoples Principles of Learning



$9 + 16 = 25$

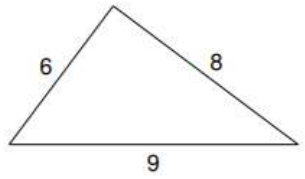
Pythagoras's Theorem

How universal is the language of mathematics? (Indigenous Knowledge and Perspectives: Mathematics K–12, p.20)

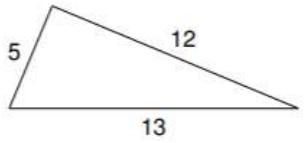
I could change the language: a'a or ewe?

Do the following lengths form a right triangle?

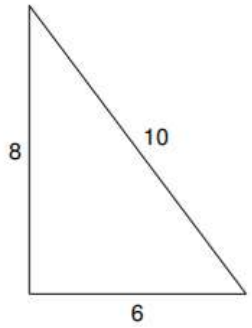
1)



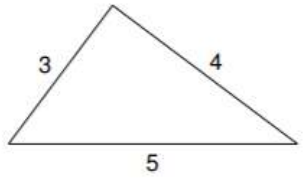
2)



3)

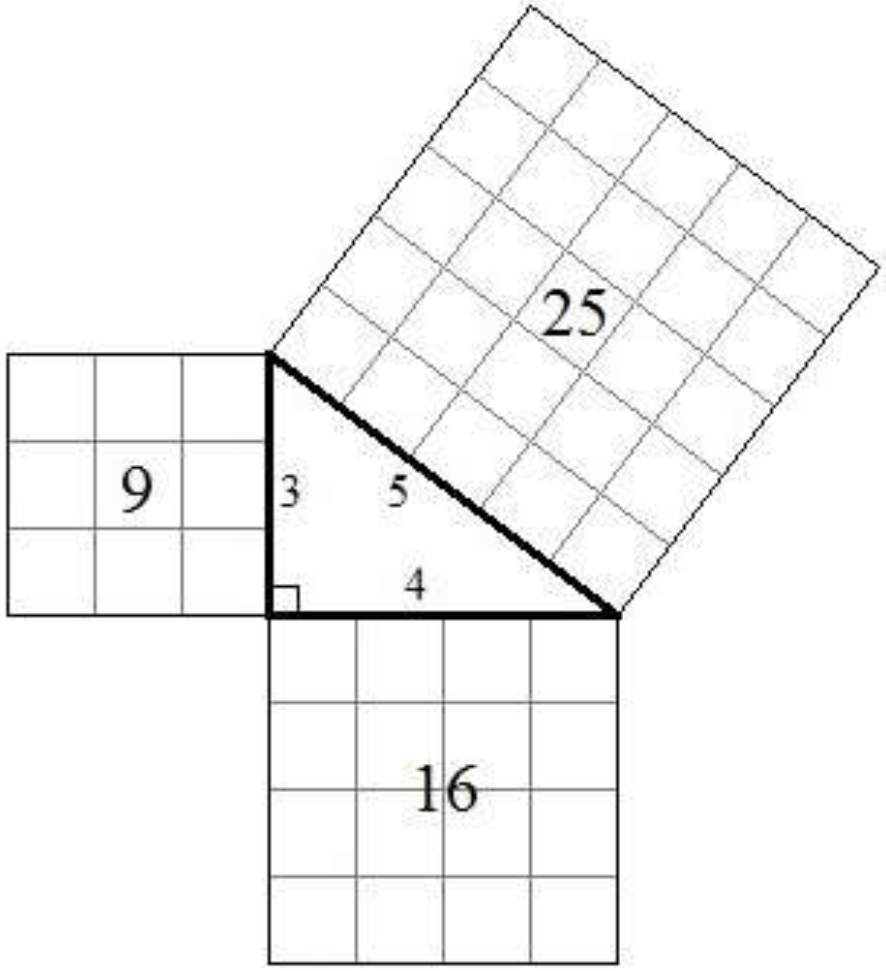


4)



I could change the applications

14. To get from ~~point A to point B~~ your house to your cousin's you must avoid walking through a pond. To avoid the pond, you must walk 34 ~~meters~~ paces south and 41 ~~meters~~ east. To the *nearest meter*, how many ~~meters~~ would be saved if it were possible to ~~walk~~ canoe through the pond?



But I am still adding a western lens to problem solving.

The bridge seems to be to measure real life distances.

There is still a level of artificial requirement, but it may seem more realistic.

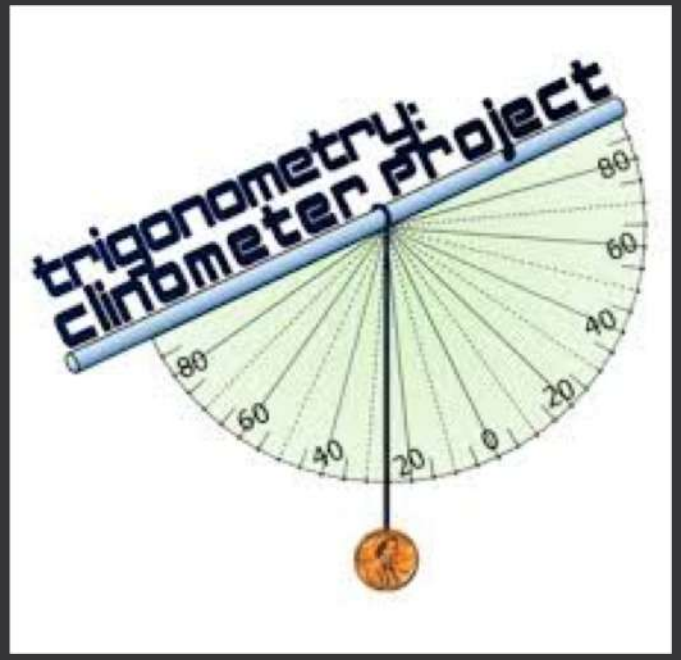


Image credit: Emily P K, teacherspayteachers.com

Or I could get outside and do something! Please note I did not have the adapted protractor for this video. (Clinometer)

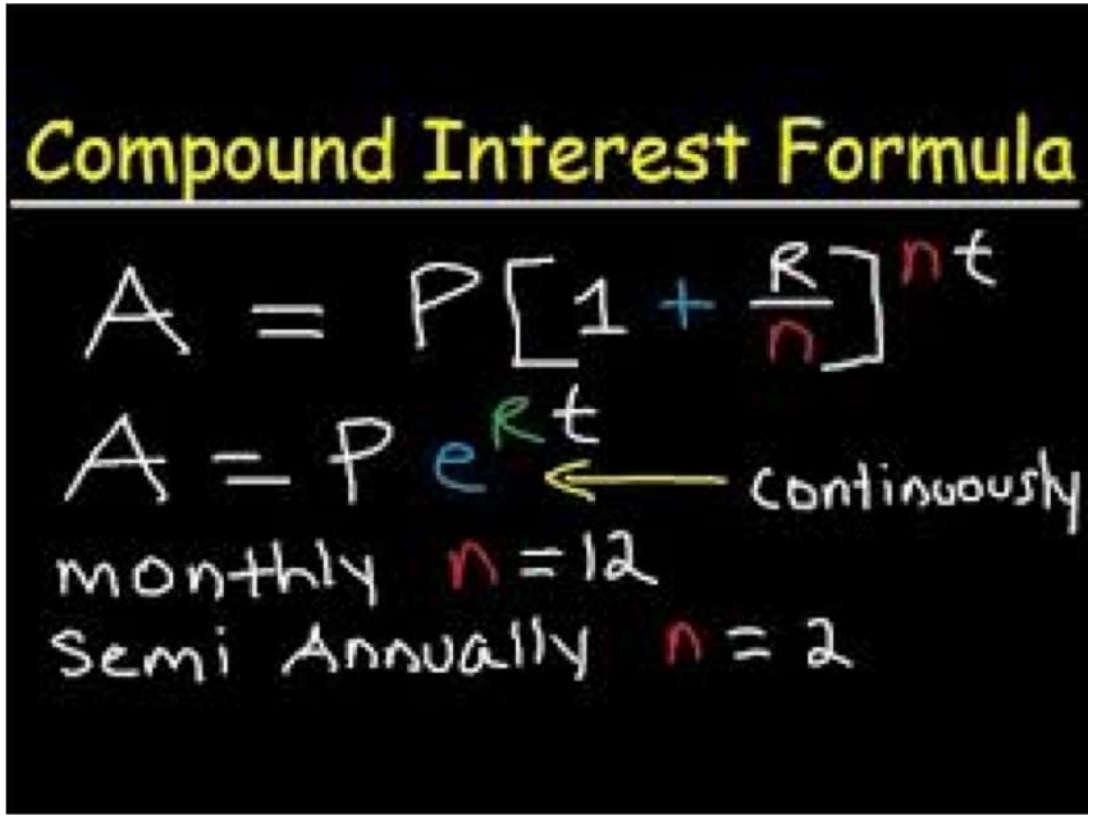


image credit: The Organic Chemistry Tutor

Now what to do about Compounding Interest formula?