minority should be motivated upon finding someone p who looks like them in the STEM field while other should be people connected: Fatima Al Fihiri, Jacobus

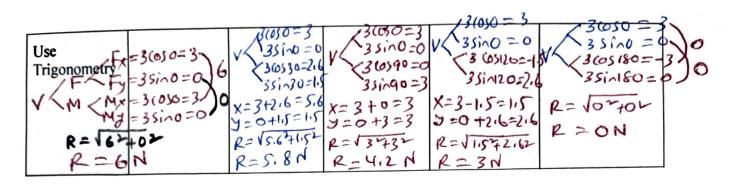
Golius and René Descartes?

Jacob Cholius learned mathematics at university of Al garavining
Later he faught mathematics to Rene Descartes.

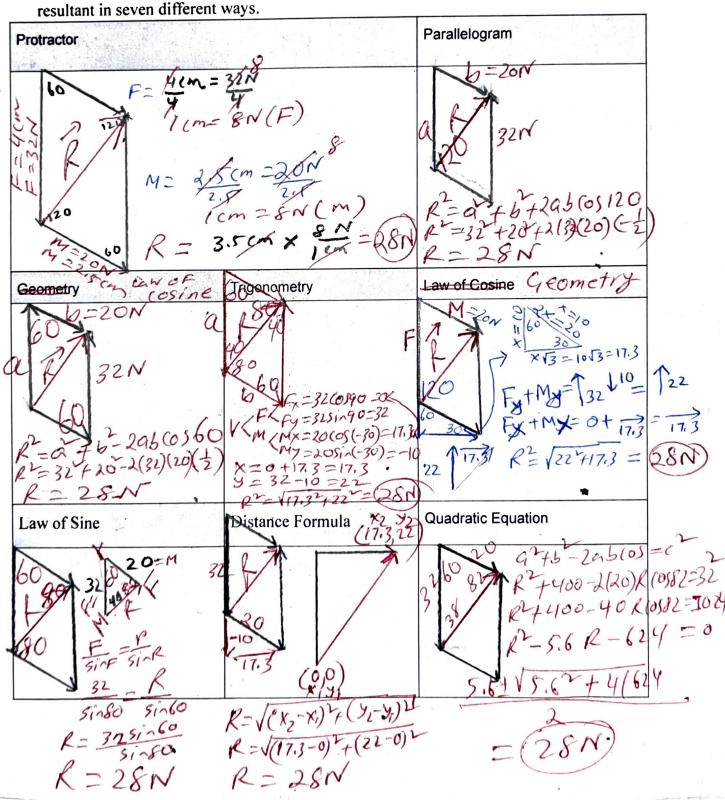
Big Idea:

6. Fatima Al Fihri was physically present during the entire construction of the building which is now known as Al Qarawiyyin University (857 - 859 AD). Her sister Maryam would occasionally visit the construction site. They would often discuss mathematics while they observed the construction of the buildings. One day, Fatima and Maryam attached a rope to a brick and pulled it by changing the angle between them to observe the direction of displacement of the brick. The units reflect modern conventions in vector algebra.

Degrees	0	30	90	120	180
Scenarios	y Maryam =3N Fatima = 3N	y Maryam = 3N Fatima = 3N	VE	7 y F= 3N	→ X M = 3N F= 3N
Predict sum (Magnitude only)	R=6~	R<6N	R<<6N	£<<<6N	R=ON



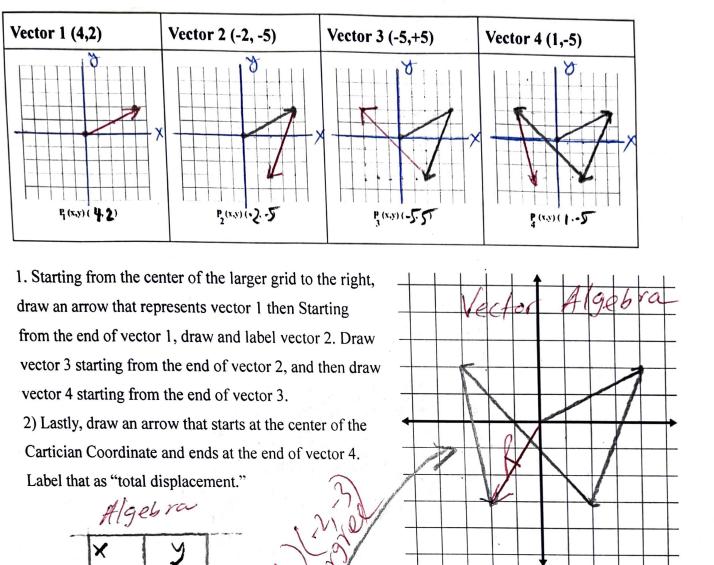
7. Fatima and Maryam are pulling an object P. Fatima pulls straight north at 32 N and Maraym pulls 120 degrees SE of Fatima, as shown in the diagram above. Find the



Exit Slip:

Bibliography:

Below are 4 pairs of vector components. For each vector, sketch the resultant of the components using the cartesian coordinate below. Assume each box is one meter.



 "Fatima Al-Fihri: Founder of the World's Oldest University – DW – 05/08/2020." Dw.Com, https://www.dw.com/en/fatima-al-fihri-founder-of-the-worlds-oldest-university/a-533
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