



Current Geometry PoW

The Math Forum's PoWs provide non-routine constructed response problems. The Geometry problems target concepts typically learned in a high school geometry class. Memberships and mentoring options are available at the individual, class, school, and district levels.

Flying High - to be posted April 27, 2009

Which gains altitude more quickly, a plane traveling 400 mph and rising at an angle of 30 degrees, or a plane traveling 300 mph and rising at an angle of 40 degrees? How much more quickly (in mph) does it gain altitude?

Extra: Change one angle or one speed so that the two planes are rising at the same rate.

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