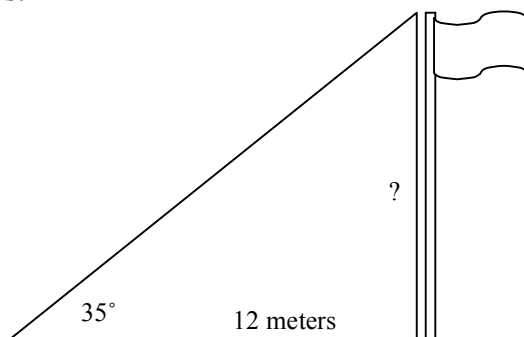


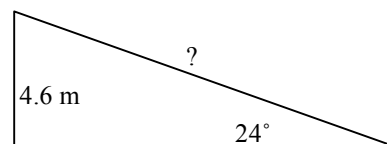
Free Particle Model Trigonometry Practice Problems

Find the magnitude of the side or the angle indicated with a “?” for each of the following triangles:

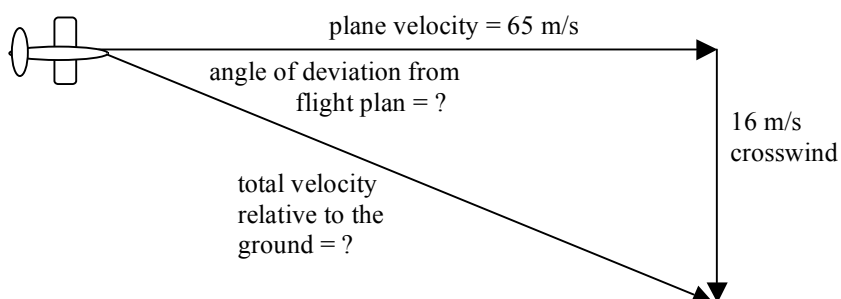
1.



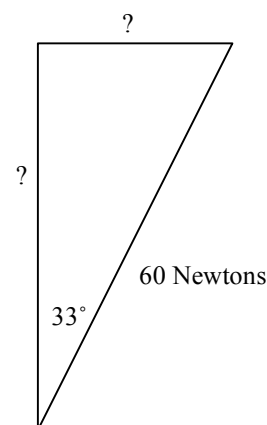
2.



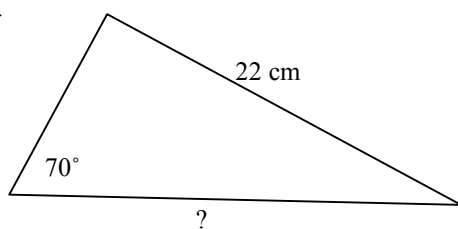
3.



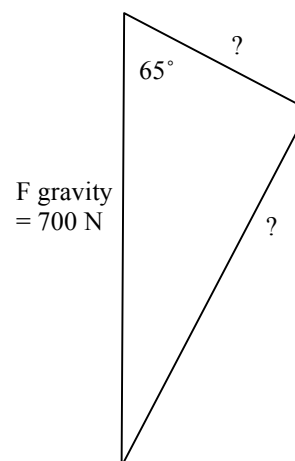
4.



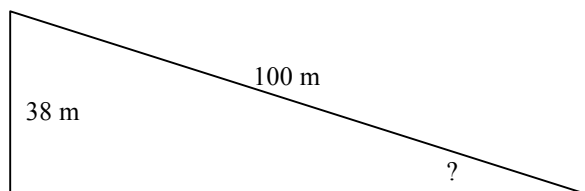
5.

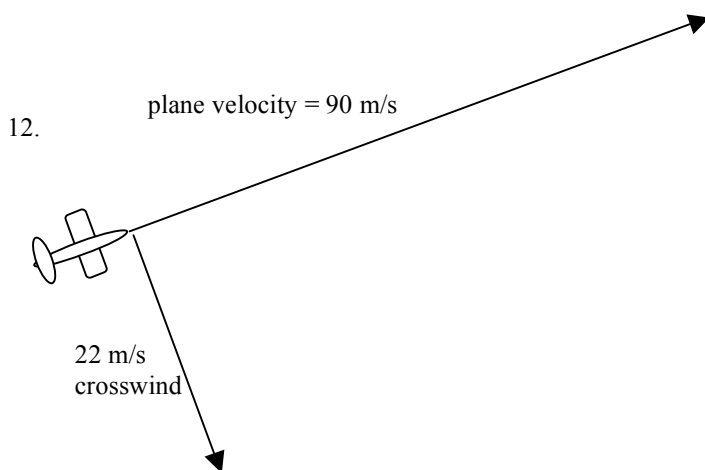
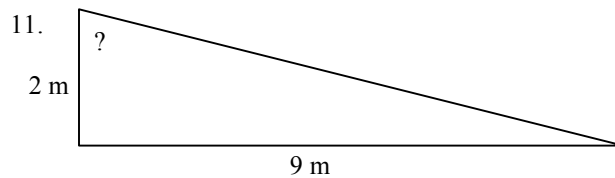
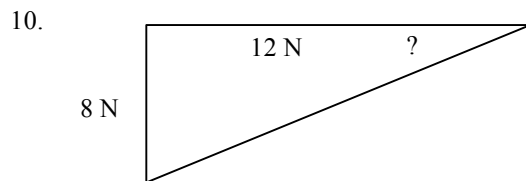
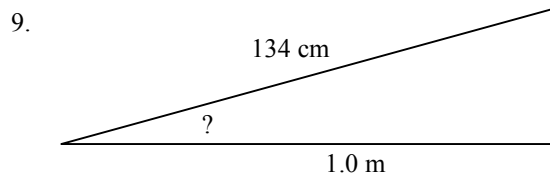
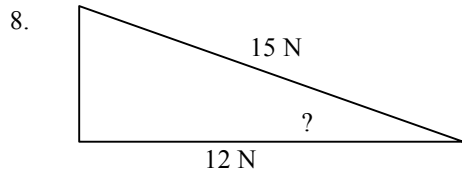


6.



7.





total velocity
relative to the
ground = ?

angle of deviation from
flight plan = ?

