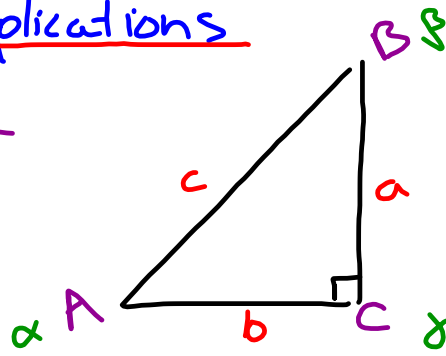
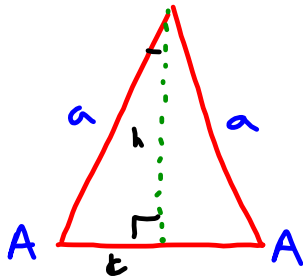


Section 7.9: Trig Applications

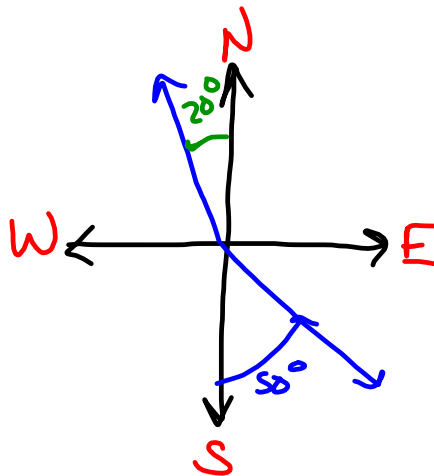
Standard Right Triangle



Bearings

N 20° W
20° West of due N.

S 50° E



1 knots = 1 nm/hour
↑
1.1

Simple Harmonic Motion

$$d = a \sin/\cos \omega t$$

omega
↓

Period: seconds/cycle $\frac{2\pi}{\omega}$

Frequency: cycles/second $\frac{\omega}{2\pi}$

