

Please pay attention to the following common errors:

1. $\tan \frac{5\pi}{7} = -1.25$ is incorrect. It should be written $\tan \frac{5\pi}{7} \approx -1.25$.

Calculators give approximations, not exact answers, and you need to show me you understand this by using the approximately equal to sign.

2. $\tan = \frac{\sin}{\cos}$ is incorrect. It should be written $\tan \theta = \frac{\sin \theta}{\cos \theta}$ or $\tan x = \frac{\sin x}{\cos x}$.

Trig functions must always be followed by an angle or number.

3. Word problems containing units must be answered with the appropriate unit. For example, the answer to the following problem is not approximately 78.8, but approximately 78.8 feet.

A man flies a kite with a 100 foot string.
The angle of elevation of the string is 52° .
How high off the ground is the kite?