**Baseline task**

The purpose of this task is to assess your knowledge of the grade 10 trigonometry work. Answer the following questions at the back of your 2 quire homework book.

1. Copy and complete the following:
	1. Sin D
	2. Cos D
	3. tan D
2. Use a calculator to find the values of:

2.1 $sin27^{0}$

2.2 $cos35^{0}$

2.3 $tan40^{0}$

 3. If  = 15° and ** = 67°, determine using a calculator, the value of:

* 1. cos 2*A*
	2.  Sin(A+B)
	3. $tan^{2}A$

4. In the diagram alongside, find the angle Q.

 5. For the diagram below calculate BC.

 

 6. A ladder which is 4m long leans against the wall and makes an angle of $20^{0}$ with the wall.

 Calculate:

 6.1 how high the ladder is above the ground.

 6.2 how far the foot of the ladder is from the wall.