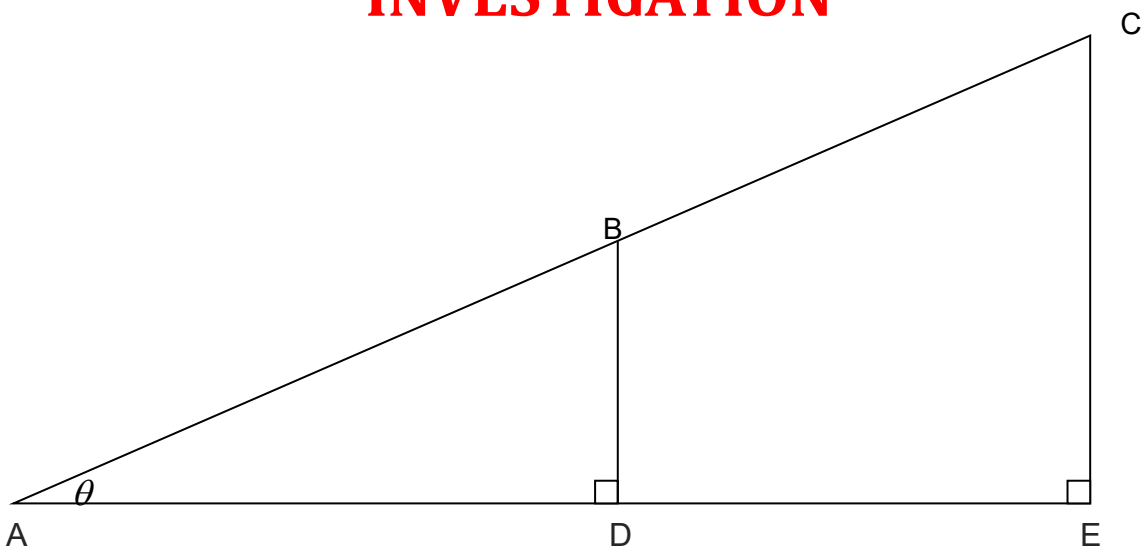
INTRODUCTORY TRIGONOMETRY
INVESTIGATION



Q1. Use a ruler to measure the lengths of the lines marked in the table. Then complete the table.

Δ ABD	Δ ACE
AB = ... AD = ... BD = ...	AC = ... AE = ... CE = ...
$\frac{BD}{AB}$ = ... $\frac{AD}{AB}$ = ... $\frac{BD}{AD}$ = ...	$\frac{CE}{AC}$ = ... $\frac{AE}{AC}$ = ... $\frac{CE}{AE}$ = ...

Q2. Use a protractor to measure the angle marked ɵ = ...

Q3. Use a scientific calculator or trigonometry tables to find:

sin ɵ = sin ..... = ...
cos ɵ = cos .....= .....
tan ɵ = tan ..... = ...