

TRIGONOMETRY (Q 4 & 5, PAPER 2)

LESSON NO. 1: RIGHT-ANGLED TRIANGLES

2004

4 (a) A is an acute angle such that $\tan A = \frac{8}{15}$.

Without evaluating A , find

- (i) $\cos A$
- (ii) $\sin 2A$.

ANSWERS

2004 4 (a) (i) $\frac{15}{17}$ (ii) $\frac{240}{289}$