

## 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)  $\frac{240}{289}$