

**ALGEBRA (Q 2 & 3, PAPER 1)**

**LESSON No. 1: SOME BASICS**

**2006**

2 (a) Simplify  $3(2x + 4) - 5(x + 1)$ .

2 (c) (ii) The lengths of the sides of a triangle are  $4\sqrt{x}$ ,  $(x - 4)$  and  $(x + 4)$ , where  $x > 4$ .  
Prove that the triangle is right-angled.

**ANSWERS**

**2006** 2 (a)  $x + 7$