

Lesson 4 (Homework)

Perimeter, Area & Volume : Year 9

Non Calculator

4.1 Exercise

Question 1

(i) $(x + 8)(x + 6)$

(ii) $(x + 5)(x + 18)$

(iii) $(x + 11)(x + 10)$

(iv) $(x + 21)(x + 4)$

(v) $(x + 12)(x + 3)$

(vi) $(x + 27)(x + 3)$

(vii) $(x + 5)^2$

(viii) $(x + 11)^2$

(ix) $(x + 5)(x + 13)$

(x) $(x + 45)(x + 4)$

(xi) $(x + 2)(x + 14)$

(xii) $(x + 7)(x + 15)$

Question 2

Expand the brackets;

(i) $(5x + 8) (3x + 7)$

(ii) $(7x + 3) (10x + 7)$

(iii) $(2x + 14) (3x + 2)$

(iv) $(16x + 3) (11x + 5)$

(v) $(x + 15) (3x + 5)$

(vi) $(7x + 6) (8x + 3)$

(vii) $(3x + 5)^2$

(viii) $(12x + 5)^2$

(ix) $(x + 5) (3x + 22)$

(x) $(13x + 7) (13x + 2)$

(xi) $(6x + 5) (9x + 4)$

(xii) $(15x + 11) (10x + 13)$