1. (a) Expand and simplify $(x+3)(x+5)$

(a) ....

    (b) Expand and simplify $(x-3)(x-5)$

(b) ....

    (c) Factorise $x^2 + 9x + 8$

(c) ....

    (d) Factorise $x^2 + 6x + 8$

(d) ....

    (e) Factorise $x^2 - 6x + 8$

(e) ....

    (f) Factorise $x^2 - 9x + 8$

(f) ....

    (g) Factorise $x^2 + 5x + 6$

(g) ....

    (h) Factorise $y^2 - 5y + 4$

(h) ....

    (i) Factorise $p^2 - 7p + 10$

(i) ....

Answers a) $x^2 + 8x + 10$; b) $x^2 - 8x + 10$; c) $(x+8)(x+1)$; d) $(x+4)(x+2)$

e) $(x-4)(x-2)$; f) $(x-8)(x-1)$; g) $(x+2)(x+3)$; h) $(y-4)(y-1)$; i) $(p-5)(p-2)$