1. (a) Expand and simplify $(x+4)(x-2)$

(a) ....

    (b) Expand and simplify $(x+2)(x-4)$

(b) ....

    (c) Factorise $x^2 + 14x - 15$

(c) ....

    (d) Factorise $x^2 + 2x - 15$

(d) ....

    (e) Factorise $x^2 - 14x - 15$

(e) ....

    (f) Factorise $x^2 - 2x - 15$

(f) ....

    (g) Factorise $x^2 + 3x - 10$

(g) ....

    (h) Factorise $y^2 - 6y - 7$

(h) ....

    (i) Factorise $x^2 + 2x - 3$

(i) ....

Answers a) $x^2 + 2x - 8$;   b) $x^2 - 2x - 8$;   c) $(x+15)(x-1)$;   d) $(x+5)(x-3)$

e) $(x+1)(x-15)$;   f) $(x+3)(x-5)$;   g) $(x+5)(x-2)$;   h) $(y-7)(y+1)$;   i) $(x+3)(x-1)$