**Expanding and Simple Factorising Homework**

1. (a) Multiply out 4(3x + 2) (b) Simplify 2(3x +1) + 3(x – 2) (c) Simplify 3(a + 2) – 5

2. (a) Expand and simplify 3(5x – 2) – 2(2x – 5) (b) Expand the brackets p(q – p2)

3. (a) Expand and simplify (y + 5)(y + 3) (b) Expand and simplify (2x2 – 3)(3x – 4)

4. (a) Factorise 2r + 6 (b) Factorise 4s – 10t (c) Factorise k2 + k

5.\* (a) Factorise x2 + 5x + 6 (b) Factorise x2 – 5x – 14