S3 Homework - Algebra

1. Expand and simplify:

    a) 4(x + 6) – 12
    b) 10 + 5(y – 2)
    c) 3(k - 2) + k

    (3)

2. Factorise fully:

    a) 4y – 8
    b) 6p – 18q
    c) $2x^2$ – 8x

    (3)

3. Evaluate.

    a) $\dfrac{1}{2}$ of 128   b) $\dfrac{1}{8}$ of 232   c) $\dfrac{2}{7}$ of 126   d) $\dfrac{3}{5}$ of 850

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