

Intermediate 2 Unit 1 Revision

OUTCOME 4

Section 1

1. Simplify (a) $x(3x - y)$
(b) $(x + 6)(x + 2)$
2. Factorise (a) $y^2 - 7y$
(b) $p^2 - q^2$
(c) $x^2 - x - 30$

Section 2

1. Multiply out the brackets and complete like terms.
 - a) (i) $(x - 4)(x^2 + 5x - 1)$
 - b) $(x + 5)(3x^2 + 4x - 2)$
2. (a) (i) Factorise completely $4y^2 - 8y$
(ii) Factorise $y^2 + 2y - 8$
(b) Hence express $\frac{4y^2 - 8y}{y^2 + 2y - 8}$ in its simplest form.