

## Factorising Revision

<b>(a)</b>	<b>(b)</b>	<b>(c)</b>	<b>(d)</b>
Factorise $5x - 15$  $5(x - 3)$	Factorise $2x^2 + 7x$  $x(2x + 7)$	Factorise fully $8x - 2x^2$  $2x(4 - x)$	Factorise fully $15bc + 10abc$  $5bc(3 + 2a)$
<b>(e)</b>	<b>(f)</b>	<b>(g)</b>	<b>(h)</b>
Factorise fully $9a^3bc^2 + 15ab^2c$  $3abc(3a^2c + 5b)$	Factorise $x^2 + 7x + 12$  $(x + 3)(x + 4)$	Factorise $y^2 + 5y - 14$  $(y + 7)(y - 2)$	Factorise $x^2 - 11x + 24$  $(x - 8)(x - 3)$
<b>(i)</b>	<b>(j)</b>	<b>(k)</b>	<b>(l)</b>
Factorise $y^2 - 36$  $(y + 6)(y - 6)$	Factorise $3x^2 + 5x + 2$  $(3x + 2)(x + 1)$	Factorise fully $2x^2 - 98$  $2(x + 7)(x - 7)$	Factorise $4x^2 + x - 14$  $(4x - 7)(x + 2)$
<b>(m)</b>	<b>(n)</b>	<b>(o)</b>	<b>(p)</b>
Factorise $25y^2 - 4x^2$  $(5y + 2x)(5y - 2x)$	Factorise $6x^2 - 13x + 5$  $(2x - 1)(3x - 5)$	Factorise $21 + 4x - x^2$  $(7 - x)(3 + x)$	Factorise fully $2x^3 + 9x^2 - 5x$  $x(2x - 1)(x + 5)$