

Factorising Mark Scheme

1(a)	$7(x + 3)$	[1]
1(b)	$2(4y - 5)$	[1]
1(c)	$7(p + 9)$	[1]
1(d)	$8(3m - 5)$	[1]
1(e)	$8(5z + 9)$	[1]
2(a)	$2x(x + 6)$	[1]
2(b)	$5y(y + 3)$	[1]
2(c)	$2m(32m + 5)$	[1]
2(d)	$11p(9p + 1)$	[1]
2(e)	$2x(17x + 15)$	[1]
3(a)	$5x(2y + 1)$	[1]
3(b)	$3x(4xp + 3)$	[1]
3(c)	$6x^2(5p + 3)$	[1]
3(d)	$25xz(2y + 1)$	[1]
3(e)	$2x(5x - 3y^2)$	[1]
4(a)	$3x(2x - 5)$	[1]
4(b)	$8y(z^2 - 2y^2)$	[1]
4(c)	$3bc(2c - 5b)$	[1]
5(a)	$3(2x^2y + 3x^2 - 5x)$	[1] - Factorising
	$3x(2xy + 3x - 5)$	[1] - Factorising (This could be answered in one step for 2 marks.)
5(b)	$3x(y^2z - 2xyz^2 - 3z^2)$	[1] - Factorising
	$3xz(y^2 - 2xyz - 3z)$	[1] - Factorising (This could be answered in one step for 2 marks.)
5(c)	$4(5b^2c + 7bc^2 - 1c)$	[1] - Factorising
	$4c(5b^2 + 7bc - 1)$	[1] - Factorising (This could be answered in one step for 2 marks.)

END