

Mark Scheme SL Math Functions All Non Calculator 66 pages

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1. (a) $f(x) = 2x^2 - 5x + 3$
 (b) $g(x) = x^2 - 4x + 6$
 (c) $h(x) = x^2 - 2x + 1$
 (d) $k(x) = x^2 - 3x + 2$
 (e) $l(x) = x^2 - 4x + 4$
 (f) $m(x) = x^2 - 5x + 6$
 (g) $n(x) = x^2 - 6x + 9$
 (h) $o(x) = x^2 - 7x + 12$
 (i) $p(x) = x^2 - 8x + 16$
 (j) $q(x) = x^2 - 9x + 18$
 (k) $r(x) = x^2 - 10x + 25$
 (l) $s(x) = x^2 - 11x + 30$
 (m) $t(x) = x^2 - 12x + 36$
 (n) $u(x) = x^2 - 13x + 42$
 (o) $v(x) = x^2 - 14x + 49$
 (p) $w(x) = x^2 - 15x + 54$
 (q) $x(x - 1)$
 (r) $x(x - 2)$
 (s) $x(x - 3)$
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 (v) $x(x - 6)$
 (w) $x(x - 7)$
 (x) $x(x - 8)$
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 (z) $x(x - 10)$

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