



Q	Answer	Marks
1	a) $4ab$, $m/3$, $5y^2$ b) $3p + 4q$	3
2	a) A b) B c) D d) $\equiv$, $\equiv$, $\equiv$	4
3	a) t^7 b) $4h^3$ c) $3u + 10v$ (accept $10v + 3u$)	4
4	a) -14 b) 29	4
5	a) 23 b) 27 c) -15	4
6	a) 32 b) 77°F	3
7	a) $5x - 4$ b) $x = 7$	4
8	a) $3xy$ b) $4(2a - 3)$ c) $5xy(2x + 3y)$	4
9	a) $x^2 + 7x - 18$ b) $(x - 7)(x + 4)$	4
10	a) $4x + 10$ b) $(x + 4)(x + 1) = x^2 + 5x + 4$ c) 70 m^2	4
11	a) t^5 b) k^2o c) $3x^4y^2$	3
EXTENSION QUESTIONS		
12	a) $12a^3b^4$ b) $5p^3q$ c) $6x^2 - 11x - 10$	4
13	$x^3 + 9x^2 + 26x + 24$	3
14	$x = \frac{3}{2}$, $x = -4$	3

Full worked solutions, written out by hand, are on the solutions sheet for this topic.