Expanding and Factorising

13 (c) Factorise $8d - 6$

.....

(1)

15 (a) Factorise $6a + 15$

.....

(1)

15 (a) Expand $2(a + d)$

.....

(1)

(b) Factorise $6y^2 - 5y$

.....

(1)

17 (a) Expand $3(4 - 2x)$

.....

(1)

(c) Factorise $4p + 6$

.....

(1)

17 (a) Expand $y(y + 5)$

.....

(1)

(b) Factorise $4a - 6$

.....

(1)

19 (a) Factorise fully $15w^2 - 5w$

.....

(2)

19 (a) Expand $x(x - 4)$

.....

(1)

(b) Factorise $15y - 10$

.....

(1)

21 (a) Factorise $6x - 15$

.....

(1)

(b) Factorise $m^2 + 5m$

.....

(1)

(Total for Question 21 is 2 marks)

21 (b) Expand and simplify $4(x + 3) + 7(4 - 2x)$

.....

(2)

(c) Factorise fully $15x^3 + 3x^2y$

.....

(2)

22 (a) Expand and simplify $3(2y - 5) + 7(y + 2)$

.....

(2)

(b) Factorise fully $6x^2 + 15x$

.....

(2)