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3 (d) (i) Factorise $x^2 + 2x - 24$

.....
(2)

(ii) Hence, solve $x^2 + 2x - 24 = 0$

.....
(1)

(Total for Question 3 is 9 marks)



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5 (b) (i) Factorise $x^2 + 8x - 9$

.....
(2)

(ii) Hence, solve $x^2 + 8x - 9 = 0$

.....
(1)

(Total for Question 5 is 5 marks)



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6 (b) (i) Factorise $y^2 - 2y - 35$

.....
(2)

(ii) Hence, solve $y^2 - 2y - 35 = 0$

.....
(1)

(Total for Question 6 is 5 marks)



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- 6 Solve $x^2 - 5x - 36 = 0$
Show clear algebraic working.

(Total for Question 6 is 3 marks)



P 5 8 4 4 3 A 0 7 2 4

6

(d) (i) Factorise $x^2 + 9x - 22$

.....
(2)

(ii) Hence solve $x^2 + 9x - 22 = 0$

.....
(1)

(Total for Question 6 is 8 marks)



- 7 (b) Solve $x^2 - 3x - 40 = 0$
Show clear algebraic working.

.....
(3)

(Total for Question 7 is 5 marks)

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7 (c) (i) Factorise $y^2 - 2y - 48$

.....
(2)

(ii) Hence, solve $y^2 - 2y - 48 = 0$

.....
(1)

(Total for Question 7 is 8 marks)

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7

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(c) (i) Factorise $x^2 - 2x - 63$

.....
(2)

(ii) Hence, solve $x^2 - 2x - 63 = 0$

.....
(1)

8



P 7 3 4 6 6 A 0 8 2 4



8

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(b) (i) Factorise $x^2 - 5x - 36$

.....
(2)

(ii) Hence solve $x^2 - 5x - 36 = 0$

.....
(1)

(Total for Question 8 is 4 marks)



8

(b) (i) Factorise $y^2 - 3y - 18$

.....
(2)

(ii) Hence, solve $y^2 - 3y - 18 = 0$

.....
(1)

(Total for Question 8 is 5 marks)



8 (a) (i) Factorise $x^2 + 5x - 24$

(2)

(ii) Hence, solve $x^2 + 5x - 24 = 0$

(1)

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- 9 Solve $x^2 - 21x + 20 = 0$
Show your working clearly.

(Total for Question 9 is 3 marks)



9

(b) (i) Factorise $x^2 + 5x - 36$

.....
(2)

(ii) Hence, solve $x^2 + 5x - 36 = 0$

.....
(1)

(Total for Question 9 is 5 marks)

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9 (i) Factorise $x^2 + 2x - 24$

(2)

(ii) Hence solve $x^2 + 2x - 24 = 0$

(1)

(Total for Question 9 is 3 marks)



11 (i) Factorise $x^2 + 9x - 22$

(2)

(ii) Hence, solve $x^2 + 9x - 22 = 0$

(1)

(Total for Question 11 is 3 marks)

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11 (i) Factorise $x^2 + 5x - 24$

(2)

(ii) Hence, solve $x^2 + 5x - 24 = 0$

(1)

(Total for Question 11 is 3 marks)

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