

11

(b) Solve $3x^2 + 6x - 5 = 0$

Show your working clearly.

Give your solutions correct to 3 significant figures.

.....
(3)

(Total for Question 11 is 6 marks)

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15

- (b) Solve the inequality $3y^2 + 4y - 32 > 0$
Show your working clearly.

(3)

(Total for Question 15 is 7 marks)



15

- (b) Solve the inequality $2y^2 - 7y - 30 \leq 0$
Show your working clearly.

.....
(3)

(Total for Question 15 is 7 marks)



19

(b) Solve the inequality $5y^2 - 17y \leq 40$

(3)

(Total for Question 19 is 6 marks)

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- 20 Solve the inequality $10x^2 + 11x - 21 < 0$
Show clear algebraic working.

(Total for Question 20 is 3 marks)

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- 20 Solve $6x^2 - 7x - 20 > 0$
Show clear algebraic working.

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(Total for Question 20 is 4 marks)



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- 22 Solve the inequality $6x^2 + 37x \leq 35$
Show clear algebraic working.

(Total for Question 22 is 3 marks)



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