

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

- 7 Solve the simultaneous equations

$$4x - y = 4$$

$$2x + \frac{7}{2}y = -10$$

Show clear algebraic working.

$$x = \dots$$

$$y = \dots$$

(Total for Question 7 is 3 marks)

- 8 When a biased coin is thrown once, the probability that it lands Heads is 0.6
The coin is thrown 4 times.

Find the probability that the coin lands Heads exactly 3 times.

.....

(Total for Question 8 is 3 marks)



P 5 9 0 1 1 A 0 5 2 4