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- 3 Make x the subject of $y = tx + 4y^2$

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(Total for Question 3 is 2 marks)

- 4 Each time Arhan plays a game of chess, the probability that he does **not** win is 0.64
Arhan plays 75 games of chess.

Calculate an estimate for the number of games he wins.

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(Total for Question 4 is 2 marks)

- 5 Solve the simultaneous equations $4x + 4y = 18$
 $4x + 6y = 35$

Show clear algebraic working.

$x =$

$y =$

(Total for Question 5 is 3 marks)

