

Name: _____

5-a-day

Higher



Corbettmaths

22nd April	
Expand and simplify $(x + 3)(x + 2)(x + 1)$	
Jenna asked 50 people which fizzy drink they liked from Coca-Cola, Pepsi and Fanta. 37 people liked at least one of the drinks 7 people liked all three drinks 5 people liked Pepsi and Coca-Cola but not Fanta. 36 people liked Fanta or Coca-Cola. 29 people liked Pepsi or Fanta. 25 people liked Coca-Cola. 23 people liked Fanta. 9 people only liked Fanta Jenna picks one person at random from the 50 people.	Work out the probability that this person likes Pepsi. Given that the person selected likes Pepsi, find the probability that this person likes neither Fanta and Coca-Cola.
ABC is a straight line. A has coordinates (1, -3) C has coordinates (13, 6) AB:BC is 1:2 Find the coordinates of point B	
Convert 0.4515151... to a fraction. Give your answer in its simplest form.	

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