Exercise 1	Calc. : 🗸
110 participants are taking part in a day-long conference. There are two different lectures being given on two different themes; politics and the economy. 62 sign up for the politics lecture. There are 51 participants who will go to the politics lecture and the economy lecture. 32 people will attend neither lecture.	
1. Use the following sets to complete the following Venn diagram:	3 marks
P: The participant is attending the politics lecture.	
E: The participant is attending the economy lecture.	
2. A person is chosen at random from the crowd to do an interview. What is the probability that this person:	3 marks
(a) Will have attended the politics lecture or the economy lecture?	
(b) Will have attended the economics lecture, but not the politics lecture	
Exercise 2	Calc. : 🗸

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Deduce an equation for the line which passes through the points $A(-5,3)$ and $B(2,1)$.	4 marks

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