

Question 4

(9 marks)

A public opinion survey was conducted on the statement ‘our overwhelming dependence on computers is a good thing’, with partial results being shown in the table below.

		Opinion		
Age		Agree	Disagree	Undecided
	20–39 years	40	28	
	40–59 years	38		20
	60–79 years	20		18
	Total			230

- (a) Complete the table above. (3 marks)
- (b) Identify the response variable. (1 mark)
- (c) Use the template below to construct a percentaged two-way frequency table showing **either** column or row percentages as appropriate, to investigate if there is an association between age and opinion. (4 marks)

		Opinion		
Age		Agree	Disagree	Undecided
	20–39 years			
	40–59 years			
	60–79 years			

- (d) State an association that can be observed from the percentaged two-way frequency table. (1 mark)