

 <p>KEMENTERIAN PENDIDIKAN TINGGI</p> <p>POLITEKNIK MALAYSIA KUCHING SARAWAK</p> <p>JABATAN MATEMATIK, SAINS DAN KOMPUTER</p>		COURSE CODE/ COURSE NAME		PBM1035 INTENSIVE MATHEMATICS	
		COURSEWORK ASSESSMENT		TUTORIAL 2	
		SESSION		JUNE 2018	
NAME		DURATION	60 MINS	CLO1	10 MARKS
REGISTRATION NO.				CLO2	
				CLO3	
PROGRAMME/ SECTION	IPP1	TOTAL MARKS			10 MARKS

Instructions

- Answer ALL questions. Write your answers in the spaces provided.
- Show your working to get marks. You may use a non-programmable scientific calculator.

Question

For each of the following,

(i) $2(6 - 4a) \leq 9a - 56$

(ii)

$$\frac{4a}{10} < \frac{7a - 11}{-7}$$

(a) Solve the following inequalities.

[CL01, C2-C3]
[4 marks]

(b) Illustrate the solution in number line.

[CL01, C2]
[4 marks]

(c) State the interval notation.

[CL01, C1]
[2 marks]