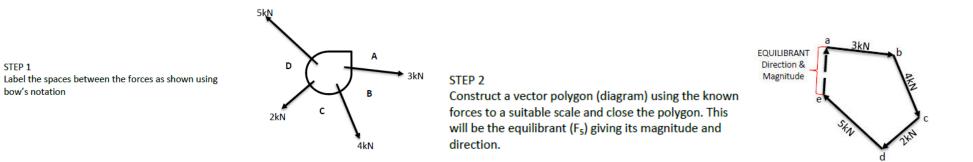


3055 BA SANGAM COLLEGE

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School: Ba Sangam College		Year/Level: 11	Name:
Subject: Technical Drawing		Worksheet 10	Year:
	Strand	Geometrical Drawing	
	Sub Strand	Forces	
	Content Learning	Define and solve vectors	
	Outcome		



STEP 4 Select a suitable point *o* in the middle of the vector polygon (diagram)

3kN

STEP 3

Label the points of the vector diagram by small letters a, b, c, d, e. Thus, this vector ab will represent force F₁ (3kN) which is lying between AB.

STEP 5 Join *abcde* to the point *o*.

Question (10 marks)

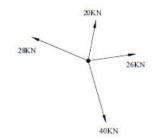
CON CURRENT CO PLANER FORCES

GIVEN: A system of concurrent forces acting on the same plane

REQUIRED:1. Find the magnitude and direction of the equilibrant force

2. Locate the position of the equilibrant force on the given space diagram

NOTE: Use the given starting point to locate the first vector.



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