

2026 ASOP ANSWER BOOKLET

Name: _____ School: _____ Account Number: _____

Questions 1 - Bee Battalion (21 marks)

1a. (2 marks)

1b. (2 marks)

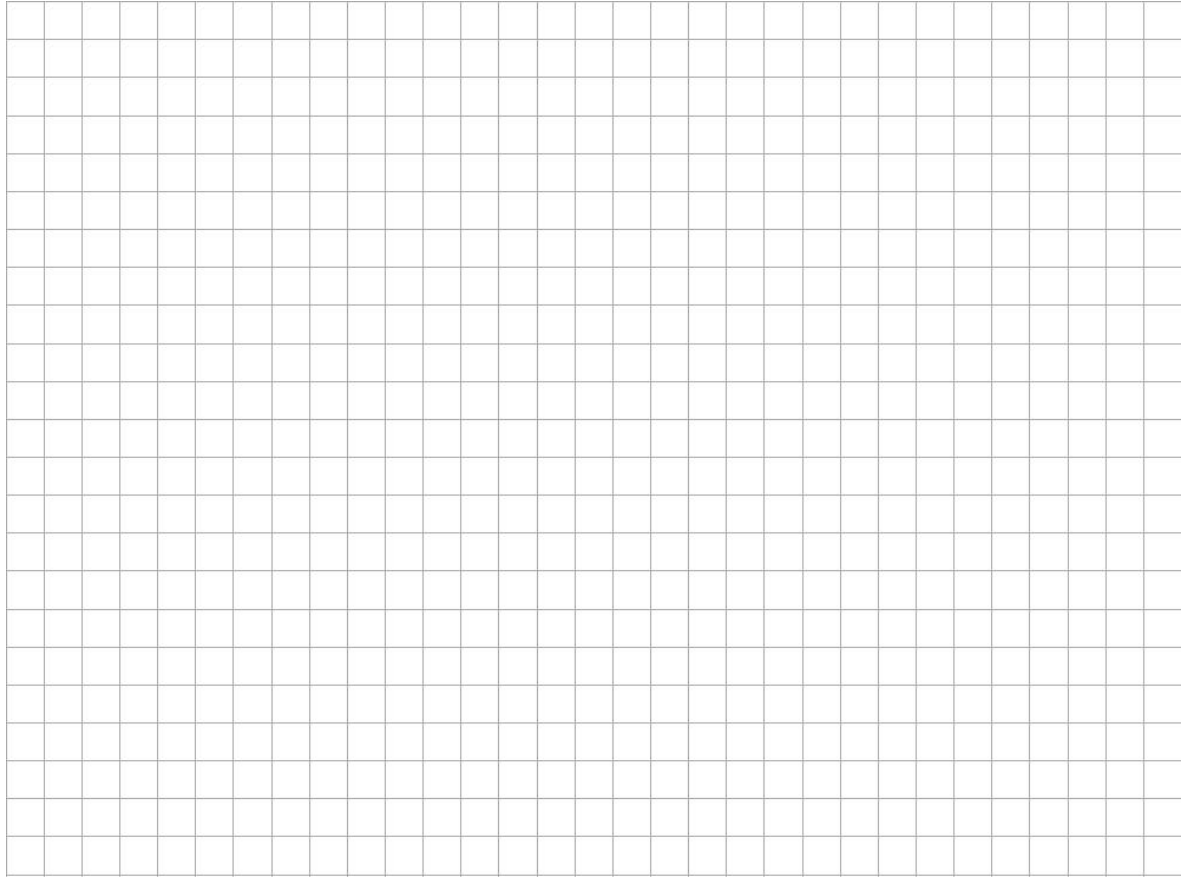
1c. (2 marks)

1d. (3 marks)

1e. (3 marks)

1f. (2 marks)

1g. (3 marks)



1h. (4 marks)

Question 2 - The Physics of AI (12 marks)

2ai. (1 mark)

2aii. (1 mark)

2b. (5 marks)

2ci. (1 mark)

2cii. (1 mark)

2d. (3 marks)

Question 3 - Investigating Induction (20 marks)

3a. (2.5 marks)



3b. (2.5 marks)

3c. (1.5 marks)

d (m)	F (N)				
0.06	182.025				
0.07	37.556				
0.08	13.569				
0.09	6.255				
0.10	3.342				
0.12	1.283				
0.14	0.658				
0.16	0.421				
0.18	0.317				
0.20	0.266				
0.30	0.205				
0.40	0.198				

3d. (1.5 marks)

3e. (2 marks)

3f. (6 marks)

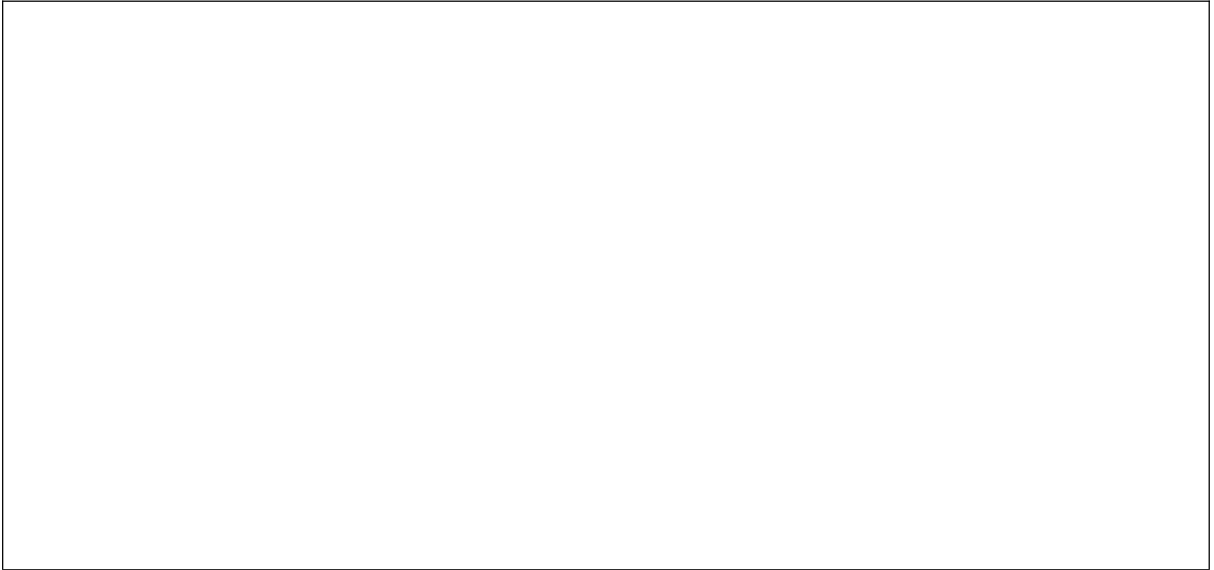
This image shows a full page of blank graph paper. The grid consists of thin, light gray horizontal and vertical lines that intersect to form small squares across the entire surface. There are no margins, text, or other markings on the paper.

3g. (1 mark)

3h. (3 marks)

Question 4 - Poor Man's Pipette (17 marks)

4a. (1.5 marks)



4b. (1.5 marks)

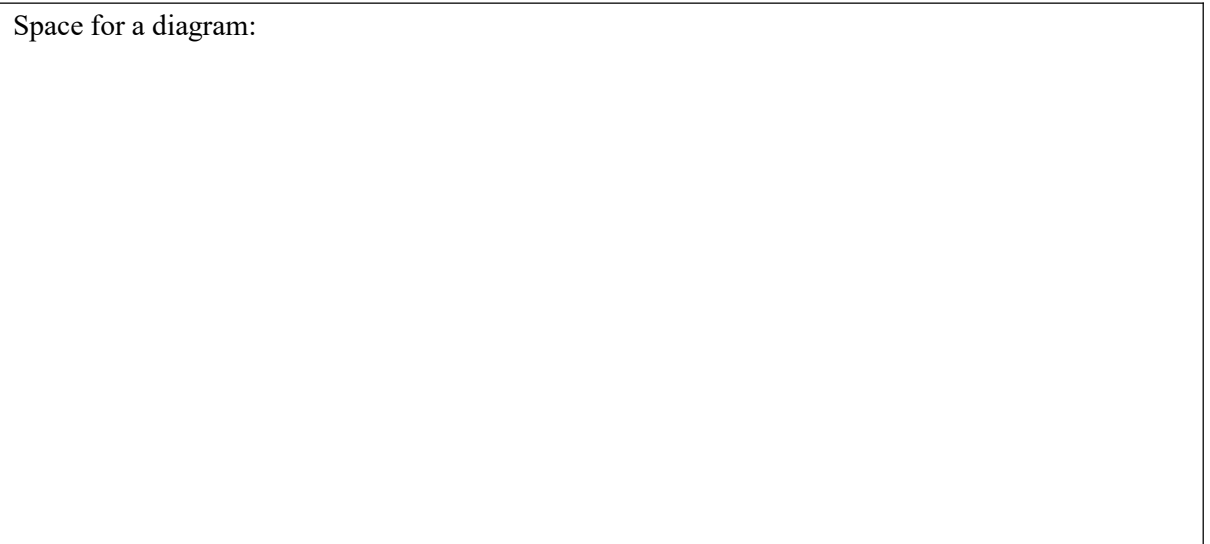
4c. (1 mark)

4d. (2 marks)

4e. (1 mark)

4f. (3 marks)

Space for a diagram:



4g. (4 marks)

4h. (1.5 marks)

4i. (1.5 marks)