

Student name: ----- student number : ----- section :-----

Question 1:

- A. Using the following set of gauge blocks, list the minimum number of blocks to produce an overall dimension of 76.575 mm. (show your calculations)

Metric (103) pieces	
	Increment
1 piece (1.005) mm	
49 pieces (1.01 to 1.49) mm	0.01
49 pieces (0.5 to 24.5) mm	0.5
4 pieces (25- 100) mm	25

- B. Write two applications of block gauges.



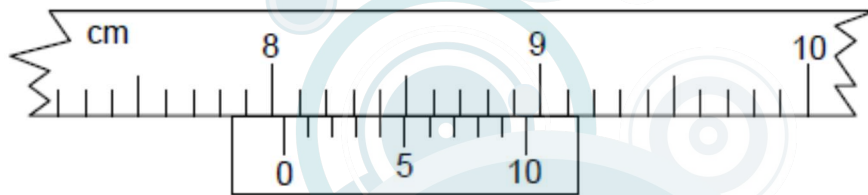
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Question 1:

A. Does the external micrometer obeys to the Abbe's Principle? Explain.

Question 3:

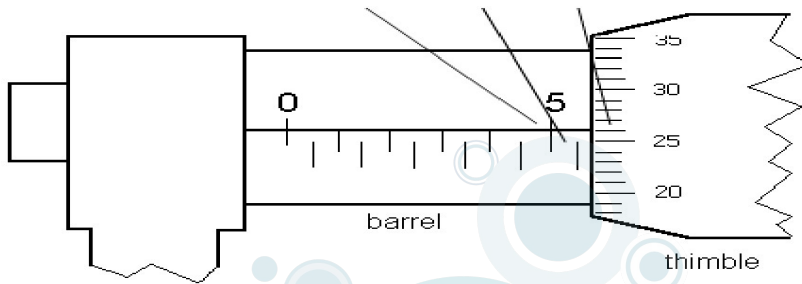
The reading of the following vernier caliper is -----, and the accuracy is -----



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Question 1:

The reading of the following micrometer is -----, and the accuracy is -----



Question 2:

