

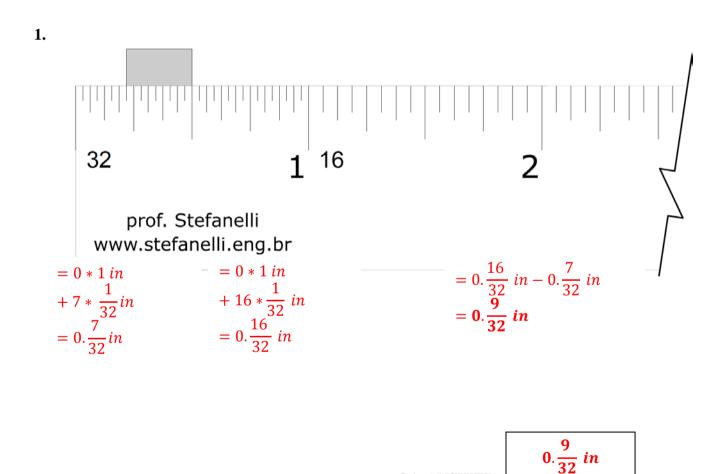


IE-352 Section 1, CRN: 48700/1/2 Section 2, CRN: 48706/7/8 Second Semester 1435-36 H (Spring-2015) – 4(4,1,2) "MANUFACTURING PROCESSES – 2"

	Sunday, February 22, 2015 (03/05/1436H)	
Quiz 2 ANSWERS		
Name:	Student Number:	Section:
AHMED M. EL-SHERBEENY, PHD	4	10 / 11

PART – I [8 points; 2 points each]

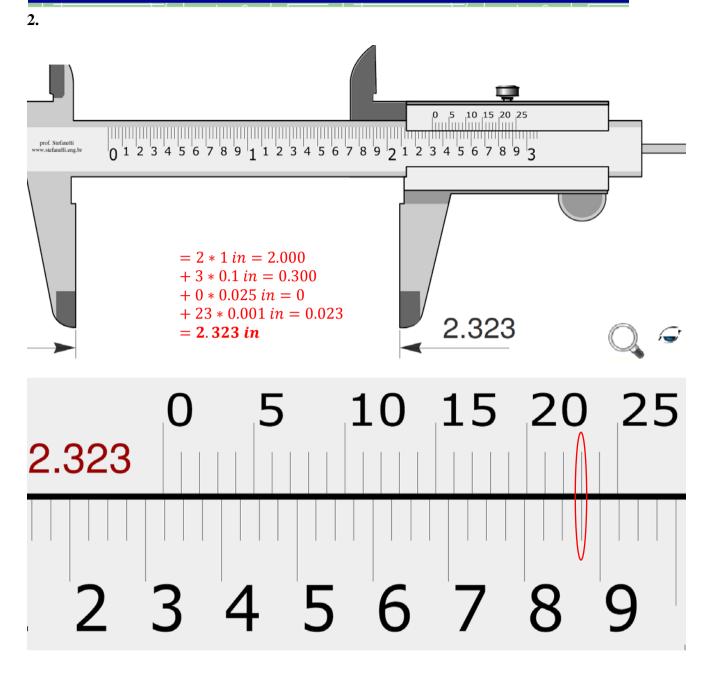
Read the following gages and write the values in the provided box.



Q1. ANSWER:



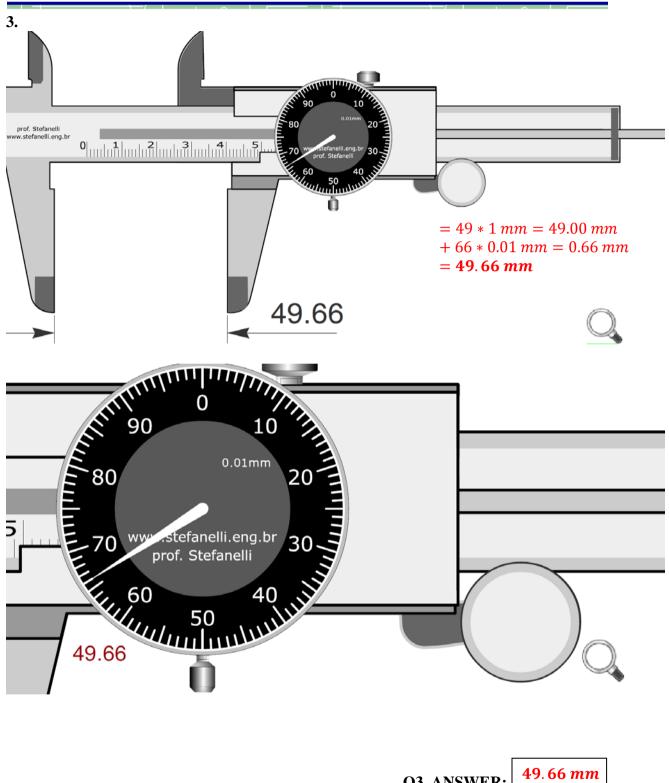




Q2. ANSWER: 2.323 in





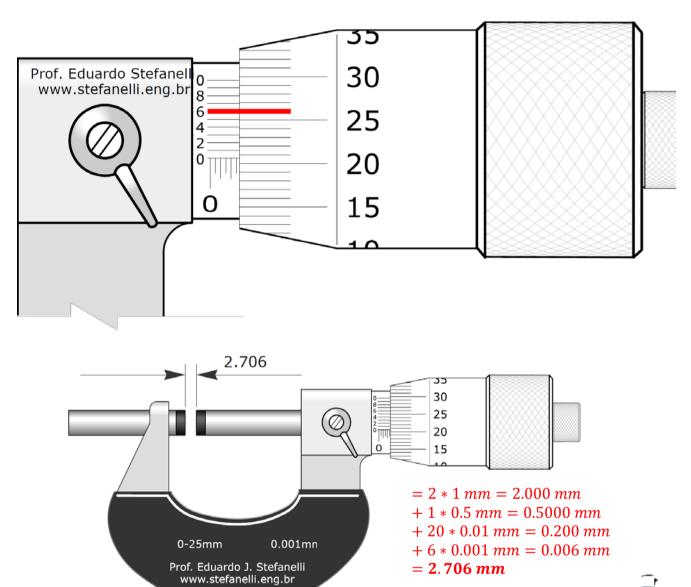


Q3. ANSWER:





4.



Q4. ANSWER: 2.706 mm



PART – II (2 points)

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King Saud University

Answer the following questions briefly. [2 points; 1 point each]

- a) What is the purpose of the ratchet stop?
 - part of the micrometer caliper
 - helps to regulate pressure
 - it is used to rotate the spindle
 - when the pressure reaches a predetermined amount, the ratchet stop slips and prevents further spindle turning

see slide 2.23

- b) What is the purpose of the dial indicator snap gage?
 - it's a type of go no-go gage
 - measures the amount of variation in the part measurement

see slide 2.41