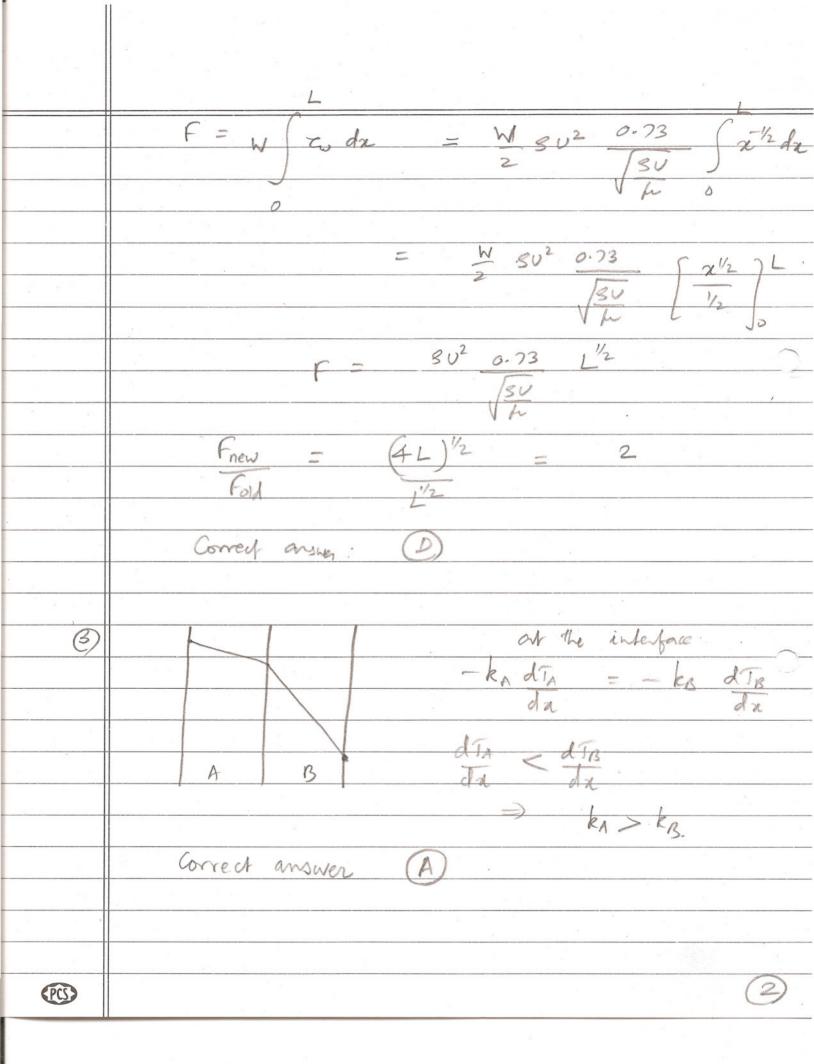
QUIZ 3 paper A Solution key ESO 212 1 Within a boundary layer, the velocity Gradient can be estimated as where S ~ Retz So dvx ~ U Re2 dvx dy will increase with Re. Correct answer: 0.73 $C_1 = 0.73$ Wall -1 SU2 q Shear stress $C_{\omega} = \frac{1}{2} g U^{2} \frac{0.73}{\sqrt{g} U} \frac{-1/2}{\sqrt{g} U}$ PCS D



(4)	Bi = L =
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	K A
	[correct () = gresistance to conduction
-	/ ms ve
	resistance to Convections in the bluid
(5)	
	Q = T,-T2 (271 kl)
1	$Q = T_1 - T_2 \qquad (2\pi k_1)$ $e_1 R_2/R_1$
	/K)
	T1 - T2
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	Quid Ti-Tz Estel en 8
	ln2 - ln2
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	work I
PCS	3

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