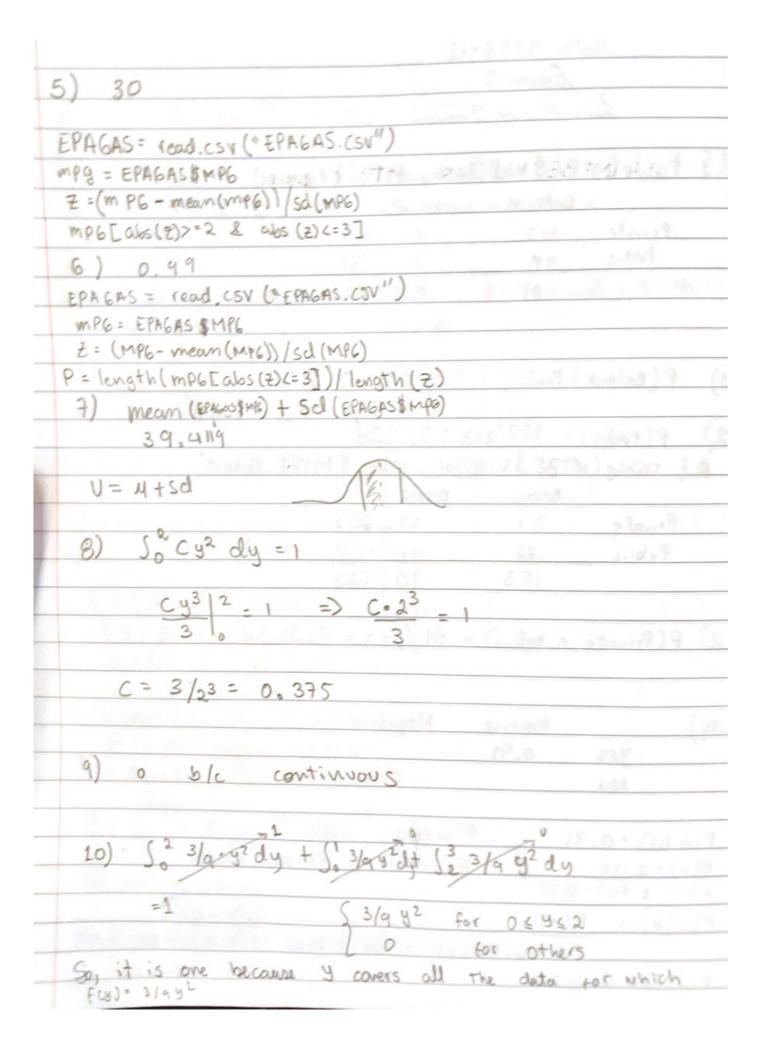
Math 4753-12 Exam 1 Luis Mario Trevisi R & table (MTBE & Well Class, MTBE # Agricier) Bedrock un con soli 103 Private 103 Public 120 22 99 223 22 201 P(Bedrock | Public) = 98/120 = 0.8167 20101010 2) P(Public) = 120/223 = 0. 538 R & table (MTBE & Well Class, MTBE & MTBE. Detect) Below petect 103 81 22 Private 120 48 Public 72 153 70 223 P(Private 1 Below) = 81/223 = 0.3632 Negative Positive 4 0.91 yes 0.82 NO P(+ 1U) = 0.91 P (- INU) = 0.82 P(+1 NU) = 1 - P(-1NU) = 0.18 P(U) = 0.05 P(NU)=1-P(U)=0.95 = P(+1U) . P(U) 0.91.0.05 P(+1U)P(U)+P(+ |NU) P(NU) 0.91-0.05+0.18-0.95 P(U1+) = 0.2102



11) Provm (13, 12, 4) - provm (8, 12, 4) = 0.4401

12) P=0.4567 9=1-P=0.5433

=) 0x2 = p.q = M2 - M12

=> M2 - M12 = 0.4567 · 0.5433 = 0.2481