

**Name:**

**ID:**

**Sec: 10**

**MATH-102 Term-132**

**CQ10**

**(show all your work & write final answer in the box)**

1)  $\int_0^1 \frac{x^2}{(4-x^2)^{3/2}} dx$

2)  $\int_0^1 \frac{1}{x\sqrt{x^2+4}} dx$

**Ans:**  $\operatorname{sech}x =$

**Ans:**  $y' =$