

Please show **all** your work! Answers without supporting work will not be given credit.
Write answers in spaces provided.

Name: _____

1. [5 points] Complete the given table. (Exact Values Only!)

θ	0	$\frac{\pi}{6}$	$\frac{\pi}{4}$	$\frac{\pi}{3}$	$\frac{\pi}{2}$
$\sin \theta$					
$\cos \theta$					

2. [2 points] Find the derivative of $y = \cos^3(2x + 1)$.

Answer: _____

3. [3 points] Compute

$$\int \frac{1 + x^{2/3}}{x} dx$$

Answer: _____