

INTRODUCTION TO CALCULUS

MATH 1A

UNIT 25: WORKSHEET

Integration by parts

1: Find the anti-derivative of

$$\log(2x)\sqrt{x}$$

2: Find the anti-derivative of

$$x \sin(5x) .$$

3:

Stand and deliver!

Find the anti-derivative of $x^3 \sin(2x)$ using Tic-Tac-Toe!

Differentiate	Integrate	Signs
x^3	$\sin(2x)$	
		
		
		
		