

	Objectives	Rate your understanding of the objective				
Objective 1	write the objective here if it gets too long continue it here	1	2	3	4	5
Objective 2	write the objective here	1	2	3	4	5
Objective 3	write the objective here	1	2	3	4	5

Warmup

Write, but do not evaluate, an expression that finds the volume formed by revolving these regions around these lines. (By yourself)

1. The region under $y = -x^2 + 4$ in the first quadrant

(a) The x-axis.

(b) The y-axis.

(c) $x = 2$

2. The region, in the first quadrant, below $y = x^3$ and to the left of $x = 3$

(a) The x-axis.

(b) The y-axis.

(c) $x = 5$

Problems

These problems involve the definition of the derivative. You may reference Example XXX in your example packet. (By yourself)

1. State the definition of the derivative.

2.
$$\sum_{n=1}^{\infty} (-1)^n \frac{1}{n+7}$$

3.
$$\sum_{n=1}^{\infty} (-1)^n \frac{n+1}{n^2+7n-1}$$

These problems involve the definition of the derivative. You may reference Example XXX in your example packet. (Groups)

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These problems involve the definition of the derivative. You may reference Example XXX in your example packet. (Self Quiz)

1.
$$\sum_{n=1}^{\infty} (-1)^{n+1} \frac{1}{n^2+7}$$

2.
$$\sum_{n=1}^{\infty} (-1)^n \frac{1}{n+7}$$

Reflection

Objectives		Rate your understanding of the objective				
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Study Skills:

- Remember to read through examples from the book BEFORE your professor goes over the section in class.
- After class read through the examples in your notes from that day and try to do the problems yourself (without looking at your notes).
- After class read through the examples from the book in the section you JUST covered and make sure you understand them.