

## AB Calculus study week 12 : Cycle 3

### Diagnostic TEST: Page 30 on KAPLAN BOOK:

### Bring Your KAPLAN BOOK to class.

#### Objectives:

- 1) Students will complete the multiple choice part of their diagnostic test by end of class Period on Tuesday.
- 2) Must use K, NS, G during the multiple choice of the diagnostics.
- 3) Use the answer sheet from the book.
- 4) Do not look at the answers before completing the diagnostic test.
- 5) Bonus points for completing Diagnostic test honestly.

### Take home test:

None

## POW 12 and HOW 12 : Polynomials

HOW 12: Part A of Diagnostic Free Response (Page 41)

POW 12: Part B of Diagnostic Free Response (Page 42)

### Warm-ups: Week 12

#### Tuesday:

- 1) Complete at least problems 1 to 15 of the diagnostic before class, but do not attempt to grade it. This will leave you with 30 problems to complete in class and grade in class.

#### Thursday:

$$f'(x) = 2^{(x^3-4x)} \text{ for } -2 \leq x \leq 2$$

For what interval is  $f$  concave up? Calculator is allowed.

#### Friday:

Formula Quiz