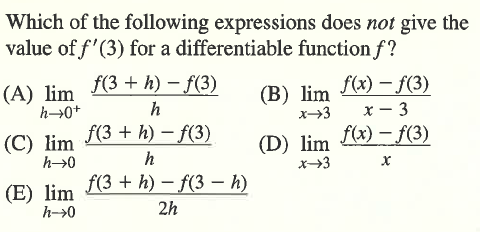
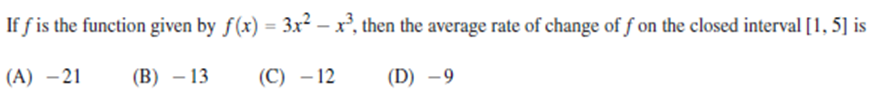
AP Calculus AB Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

“Up Through” Lesson 3-2 Learning Check Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**NO CALCULATOR**

****

1.

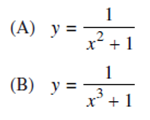
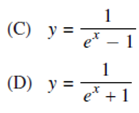


2.

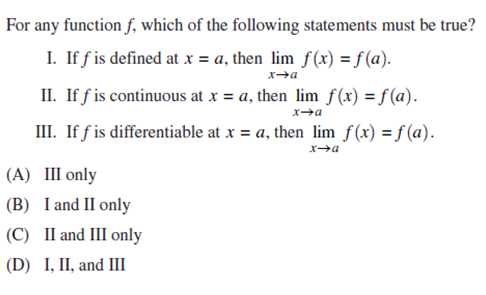
\*\*\*From 2017 exam



3.



\*\*\*From 2017 exam



4.

\*\*\*From 2017 exam

OVER 🡪

**CALCULATOR ACTIVE**

5. If then

(A) is not continuous at .

1. is continuous at but does not exist.

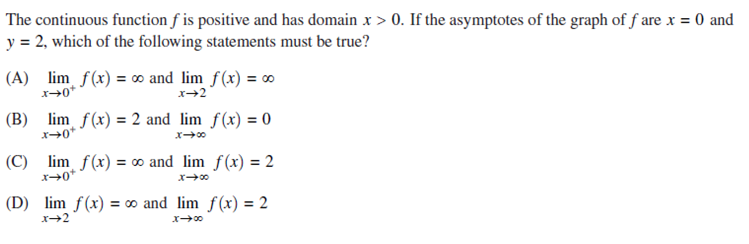
(C) exists and equals 1.

(D) .

1. does not exist.

6. Where is the function  nondifferentiable? Why is it nondifferentiable at that point?

7. Let . Find .



8.

\*\*\*From 2017 exam