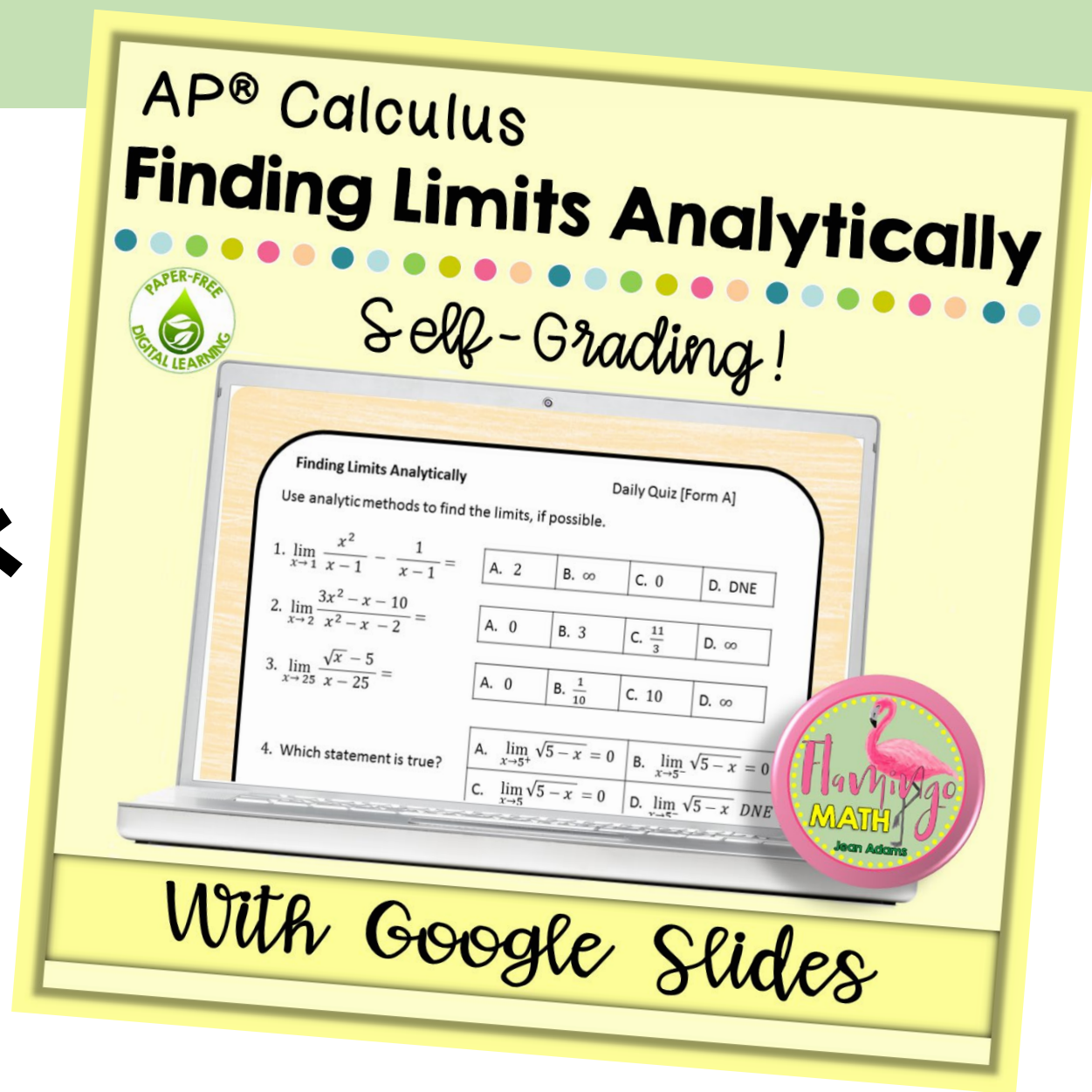
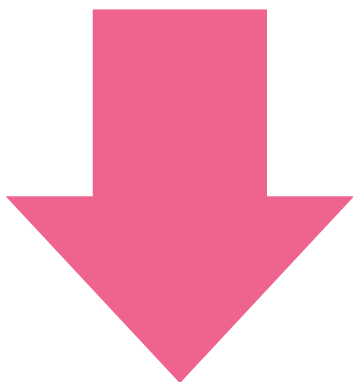


AP Calculus with Google Slides™

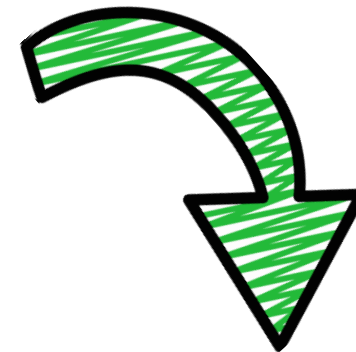
Self-Grading
Digital
No Prep Quiz

Take a look
inside!



Every page in the activity is color-coded to highlight the version..

Students can type answers directly on the Google Slides in Google Drive...



Finding Limits Analytically Daily Quiz [Form B]

Use analytic methods to find the limits, if possible.

- $\lim_{x \rightarrow 2} \frac{x^2}{x-2} - \frac{4}{x-2} =$

A. 2	B.
------	----
- $\lim_{x \rightarrow -3} \frac{x^2 + 2x - 3}{x^2 + 7x + 12} =$

A. 4	B.
------	----
- $\lim_{x \rightarrow 2} \frac{\sqrt{x} - \sqrt{2}}{x - 2} =$

A. 0	B.
------	----
- Which statement is false?

A. $\lim_{x \rightarrow 1^-} \sqrt[3]{x^3} =$
C. $\lim_{x \rightarrow 1^-} \sqrt[3]{x^3} =$

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Finding Limits Analytically Daily Quiz [Form A]

Use analytic methods to find the limits, if possible.

- $\lim_{x \rightarrow 1} \frac{x^2}{x-1} - \frac{1}{x-1} =$

A. 2	B. ∞	C. 0	D. DNE
------	-------------	------	--------
- $\lim_{x \rightarrow 2} \frac{3x^2 - x - 10}{x^2 - x - 2} =$

A. 0	B. 3	C. $\frac{11}{3}$	D. ∞
------	------	-------------------	-------------
- $\lim_{x \rightarrow 25} \frac{\sqrt{x} - 5}{x - 25} =$

A. 0	B. $\frac{1}{10}$	C. 10	D. ∞
------	-------------------	-------	-------------
- Which statement is true?

A. $\lim_{x \rightarrow 5^+} \sqrt{5-x} = 0$	B. $\lim_{x \rightarrow 5^-} \sqrt{5-x} = 0$
C. $\lim_{x \rightarrow 5} \sqrt{5-x} = 0$	D. $\lim_{x \rightarrow 5^-} \sqrt{5-x} = \text{DNE}$

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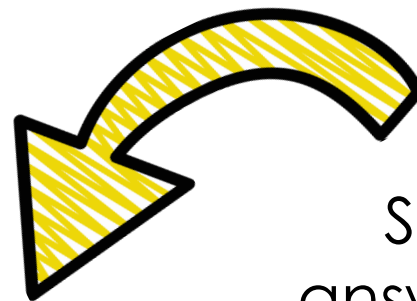


Question #1 * 1 point

$$\lim_{x \rightarrow 2} \frac{x^2}{(x-2)} - \frac{4}{(x-2)}$$

☐ A

☐ C



Option #2:
Students record
answers on a Google
Form for easy
self-grading.

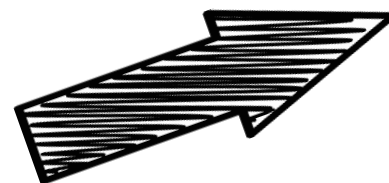
Question #1 * 1 point

$$\lim_{x \rightarrow 1} \frac{x^2}{(x-1)} - \frac{1}{(x-1)}$$

☐ A

☐ C

☐ D



Blackline Masters, too!

Finding Limits Analytically Name _____
Daily Quiz [Form A]

Use analytic methods to find the limits, if possible.

1. $\lim_{x \rightarrow 1} \frac{x^2}{x-1} - \frac{1}{x-1} =$ A. 2 B. ∞ C. 0 D. DNE

2. $\lim_{x \rightarrow 2} \frac{3x^2 - x - 10}{x^2 - x - 2} =$ A. 0 B. 3 C. $\frac{11}{3}$ D. ∞

3. $\lim_{x \rightarrow 25} \frac{\sqrt{x} - 5}{x - 25} =$ A. 0 B. $\frac{1}{10}$ C. 10 D. ∞

4. Which statement is true?
A. $\lim_{x \rightarrow 5^+} \sqrt{5-x} = 0$ B. $\lim_{x \rightarrow 5^-} \sqrt{5-x} = 0$
C. $\lim_{x \rightarrow 5} \sqrt{5-x} = 0$ D. $\lim_{x \rightarrow 5} \sqrt{5-x} = DNE$

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Finding Limits Analytically Name _____
Daily Quiz [Form B]

Use analytic methods to find the limits, if possible.

1. $\lim_{x \rightarrow 2} \frac{x^2}{x-2} - \frac{4}{x-2} =$ A. 2 B. ∞ C. 4 D. DNE

2. $\lim_{x \rightarrow -3} \frac{x^2 + 2x - 3}{x^2 + 7x + 12} =$ A. 4 B. -4 C. 0 D. ∞

3. $\lim_{x \rightarrow 2} \frac{\sqrt{x} - \sqrt{2}}{x - 2} =$ A. 0 B. ∞ C. $\sqrt{2}$ D. $\frac{\sqrt{2}}{4}$

4. Which statement is false?
A. $\lim_{x \rightarrow 1^-} \sqrt[3]{x^3 - 1} = \sqrt[3]{2}$ B. $\lim_{x \rightarrow 1^+} \sqrt[3]{x^3 - 1} = 0$
C. $\lim_{x \rightarrow 1^-} \sqrt[3]{x^3 - 1} = -\sqrt[3]{2}$ D. $\lim_{x \rightarrow 1^+} \sqrt[3]{x^3 - 1} = 0$

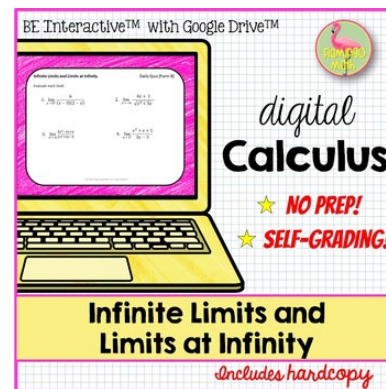
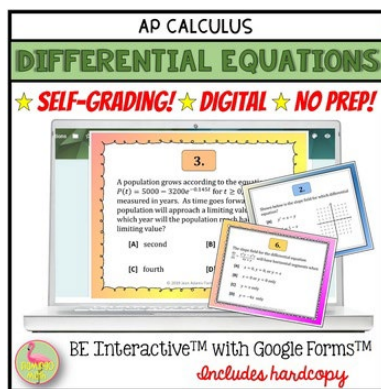
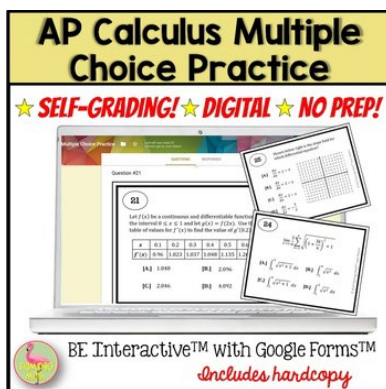
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More Resources for YOU



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