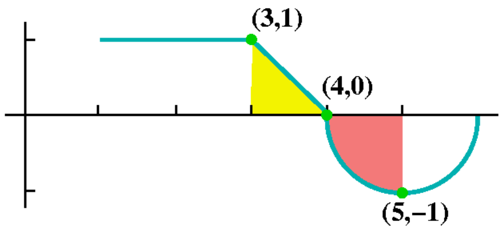
#1 Calculus – Hustle
MAΘ National Convention 2017

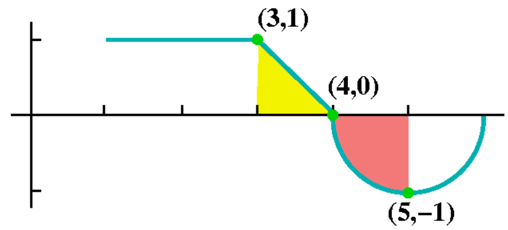


Find the exact value of the area of the shaded regions, written as a fraction.

Answer : ____________________

Round 1 2 3 4 5

#1 Calculus – Hustle
MAΘ National Convention 2017

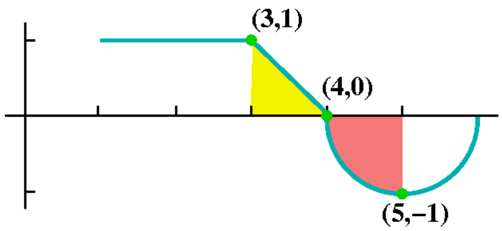


Find the exact value of the area of the shaded regions, written as a fraction.

Answer : ____________________

Round 1 2 3 4 5

#1 Calculus – Hustle
MAΘ National Convention 2017

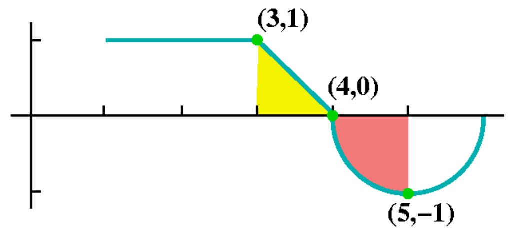


Find the exact value of the area of the shaded regions, written as a fraction.

Answer : ____________________

Round 1 2 3 4 5

#1 Calculus – Hustle
MAΘ National Convention 2017

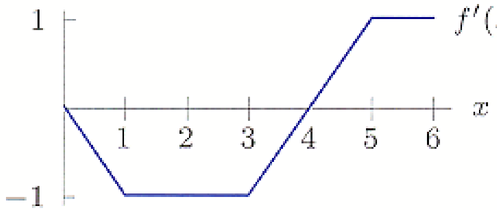


Find the exact value of the area of the shaded regions, written as a fraction.

Answer : ____________________

Round 1 2 3 4 5

#2 Calculus – Hustle
MAΘ National Convention 2017

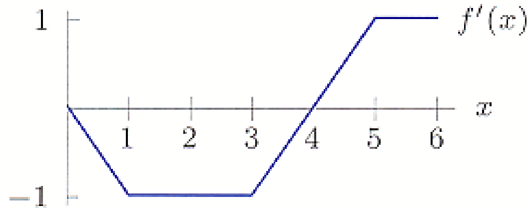


Give the x value where a relative minimum exists on the graph of f(x).

Answer : ____________________

Round 1 2 3 4 5

#2 Calculus – Hustle
MAΘ National Convention 2017

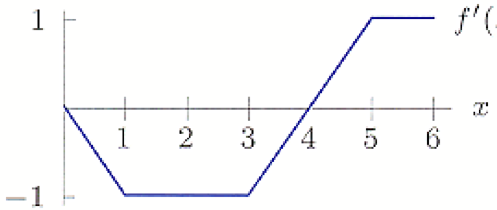


Give the x value where a relative minimum exists on the graph of f(x).

Answer : ____________________

Round 1 2 3 4 5

#2 Calculus – Hustle
MAΘ National Convention 2017

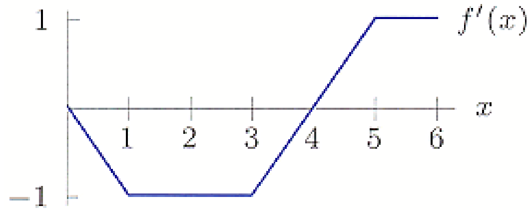


Give the x value where a relative minimum exists on the graph of f(x).

Answer : ____________________

Round 1 2 3 4 5

#2 Calculus – Hustle
MAΘ National Convention 2017



Give the x value where a relative minimum exists on the graph of f(x).

Answer : ____________________

Round 1 2 3 4 5

#3 Calculus – Hustle
MAΘ National Convention 2017

Elapsed Time, *x* (sec)	Relative Position, *y* (ft)
0	10
1	8.5
2	7
3	5.5
4	4
5	2.5
6	1

Find the average rate of change of y with respect to x for the interval [2,5] as a decimal.

Answer : ____________________

Round 1 2 3 4 5

#3 Calculus – Hustle
MAΘ National Convention 2017

Elapsed Time, *x* (sec)	Relative Position, *y* (ft)
0	10
1	8.5
2	7
3	5.5
4	4
5	2.5
6	1

Find the average rate of change of y with respect to x for the interval [2,5] as a decimal.

Answer : ____________________

Round 1 2 3 4 5

#3 Calculus – Hustle
MAΘ National Convention 2017

Elapsed Time, *x* (sec)	Relative Position, *y* (ft)
0	10
1	8.5
2	7
3	5.5
4	4
5	2.5
6	1

Find the average rate of change of y with respect to x for the interval [2,5] as a decimal.

Answer : ____________________

Round 1 2 3 4 5

#3 Calculus – Hustle
MAΘ National Convention 2017

Elapsed Time, *x* (sec)	Relative Position, *y* (ft)
0	10
1	8.5
2	7
3	5.5
4	4
5	2.5
6	1

Find the average rate of change of y with respect to x for the interval [2,5] as a decimal.

Answer : ____________________

Round 1 2 3 4 5

#4 Calculus – Hustle
MAΘ National Convention 2017

If the average value of f(x) on the interval [0,2] is 0.4; find the value of :

$$\int_2^0 f(x)dx$$

Answer : _____

Round 1 2 3 4 5

#4 Calculus – Hustle
MAΘ National Convention 2017

If the average value of f(x) on the interval [0,2] is 0.4; find the value of :

$$\int_2^0 f(x)dx$$

Answer : _____

Round 1 2 3 4 5

#4 Calculus – Hustle
MAΘ National Convention 2017

If the average value of f(x) on the interval [0,2] is 0.4; find the value of :

$$\int_2^0 f(x)dx$$

Answer : _____

Round 1 2 3 4 5

#4 Calculus – Hustle
MAΘ National Convention 2017

If the average value of f(x) on the interval [0,2] is 0.4; find the value of :

$$\int_2^0 f(x)dx$$

Answer : _____

Round 1 2 3 4 5

#5 Calculus – Hustle
MAΘ National Convention 2017

Evaluate: $\int_1^{e^3} \ln x \, dx$

Answer : _____

Round 1 2 3 4 5

#5 Calculus – Hustle
MAΘ National Convention 2017

Evaluate: $\int_1^{e^3} \ln x \, dx$

Answer : _____

Round 1 2 3 4 5

#5 Calculus – Hustle
MAΘ National Convention 2017

Evaluate: $\int_1^{e^3} \ln x \, dx$

Answer : _____

Round 1 2 3 4 5

#5 Calculus – Hustle
MAΘ National Convention 2017

Evaluate: $\int_1^{e^3} \ln x \, dx$

Answer : _____

Round 1 2 3 4 5

#6 Calculus – Hustle
MAΘ National Convention 2017

If $\int \frac{3x-4}{(x-3)(x+2)}dx = \ln\left|f(x)\right| + C$, where $f(x)$ contains no constant factors other than 1, find $f(x)$ in factored form.

Answer : ____________________

Round 1 2 3 4 5

#6 Calculus – Hustle
MAΘ National Convention 2017

If $\int \frac{3x-4}{(x-3)(x+2)}dx = \ln\left|f(x)\right| + C$, where $f(x)$ contains no constant factors other than 1, find $f(x)$ in factored form.

Answer : ____________________

Round 1 2 3 4 5

#6 Calculus – Hustle
MAΘ National Convention 2017

If $\int \frac{3x-4}{(x-3)(x+2)}dx = \ln\left|f(x)\right| + C$, where $f(x)$ contains no constant factors other than 1, find $f(x)$ in factored form.

Answer : ____________________

Round 1 2 3 4 5

#6 Calculus – Hustle
MAΘ National Convention 2017

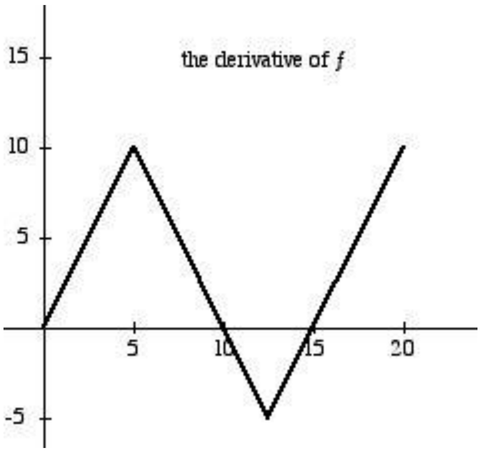
If $\int \frac{3x-4}{(x-3)(x+2)}dx = \ln\left|f(x)\right| + C$, where $f(x)$ contains no constant factors other than 1, find $f(x)$ in factored form.

Answer : ____________________

Round 1 2 3 4 5

#7 Calculus – Hustle
MAΘ National Convention 2017

Using the graph of the derivative of f below, find the x values where the graph of f will have a relative maximum.

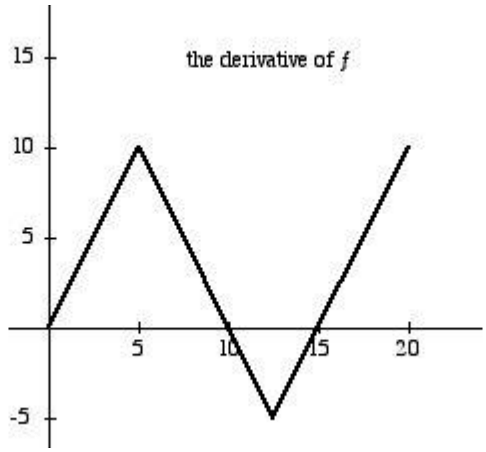


Answer : ____________________

Round 1 2 3 4 5

#7 Calculus – Hustle
MAΘ National Convention 2017

Using the graph of the derivative of f below, find the x values where the graph of f will have a relative maximum.

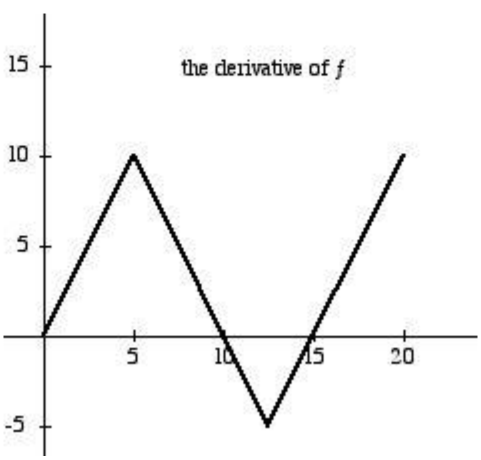


Answer : ____________________

Round 1 2 3 4 5

#7 Calculus – Hustle
MAΘ National Convention 2017

Using the graph of the derivative of f below, find the x values where the graph of f will have a relative maximum.

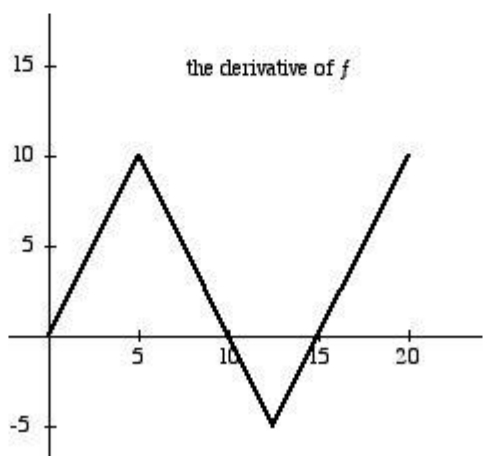


Answer : ____________________

Round 1 2 3 4 5

#7 Calculus – Hustle
MAΘ National Convention 2017

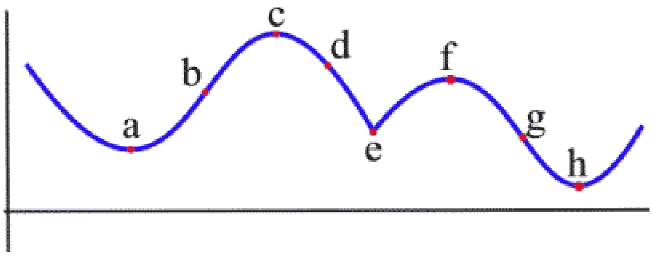
Using the graph of the derivative of f below, find the x values where the graph of f will have a relative maximum.



Answer : ____________________

Round 1 2 3 4 5

#8 Calculus – Hustle
MAΘ National Convention 2017

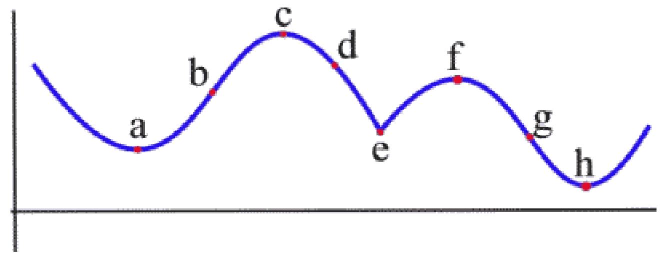


Given the graph above with x-coordinates labeled as letters a-h, find all x coordinates of points of inflection of the given graph.

Answer : ____________________

Round 1 2 3 4 5

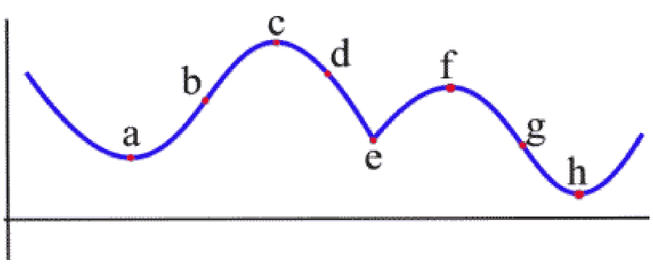
#8 Calculus – Hustle
MAΘ National Convention 2017


Given the graph above with x-coordinates labeled as letters a-h, find all x coordinates of points of inflection of the given graph.

Answer : ____________________

Round 1 2 3 4 5

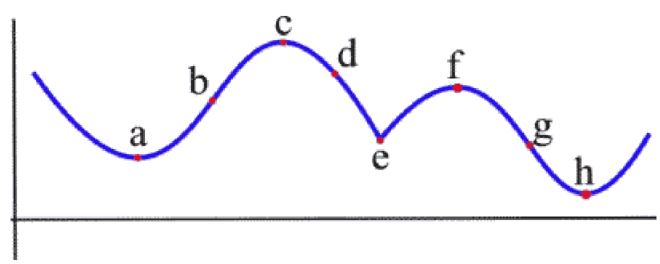
#8 Calculus – Hustle
MAΘ National Convention 2017


Given the graph above with x-coordinates labeled as letters a-h, find all x coordinates of points of inflection of the given graph.

Answer : ____________________

Round 1 2 3 4 5

#8 Calculus – Hustle
MAΘ National Convention 2017


Given the graph above with x-coordinates labeled as letters a-h, find all x coordinates of points of inflection of the given graph.

Answer : ____________________

Round 1 2 3 4 5

#9 Calculus – Hustle
MAΘ National Convention 2017

Evaluate: $\lim_{\theta \to 0} \frac{\theta^2 + 2\theta}{\sin(2\theta)}$

Answer : ______________________

Round 1 2 3 4 5

#9 Calculus – Hustle
MAΘ National Convention 2017

Evaluate: $\lim_{\theta \to 0} \frac{\theta^2 + 2\theta}{\sin(2\theta)}$

Answer : ______________________

Round 1 2 3 4 5

#9 Calculus – Hustle
MAΘ National Convention 2017

Evaluate: $\lim_{\theta \to 0} \frac{\theta^2 + 2\theta}{\sin(2\theta)}$

Answer : ______________________

Round 1 2 3 4 5

#9 Calculus – Hustle
MAΘ National Convention 2017

Evaluate: $\lim_{\theta \to 0} \frac{\theta^2 + 2\theta}{\sin(2\theta)}$

Answer : ______________________

Round 1 2 3 4 5

#10 Calculus – Hustle
MAΘ National Convention 2017

Evaluate: $\int_1^{\sqrt{3}} \frac{1}{x^2+1} dx$

Answer : _____

Round 1 2 3 4 5

#10 Calculus – Hustle
MAΘ National Convention 2017

Evaluate: $\int_1^{\sqrt{3}} \frac{1}{x^2+1} dx$

Answer : _____

Round 1 2 3 4 5

#10 Calculus – Hustle
MAΘ National Convention 2017

Evaluate: $\int_1^{\sqrt{3}} \frac{1}{x^2+1} dx$

Answer : _____

Round 1 2 3 4 5

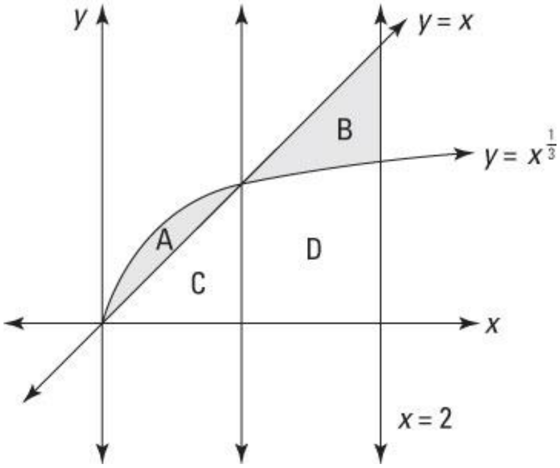
#10 Calculus – Hustle
MAΘ National Convention 2017

Evaluate: $\int_1^{\sqrt{3}} \frac{1}{x^2+1} dx$

Answer : _____

Round 1 2 3 4 5

#11 Calculus – Hustle
MAΘ National Convention 2017

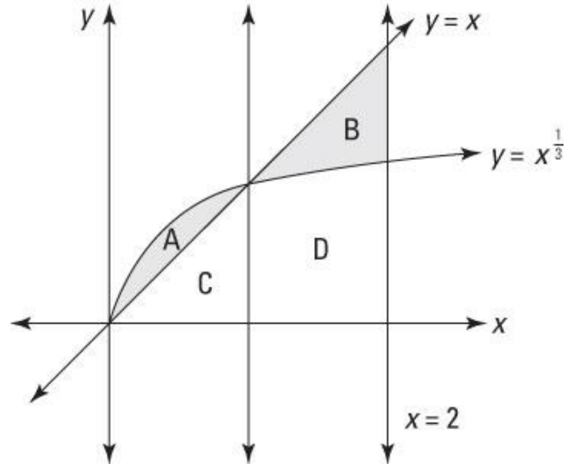


Find the sum of areas A + B, written as a fraction.

Answer : ______________________

Round 1 2 3 4 5

#11 Calculus – Hustle
MAΘ National Convention 2017

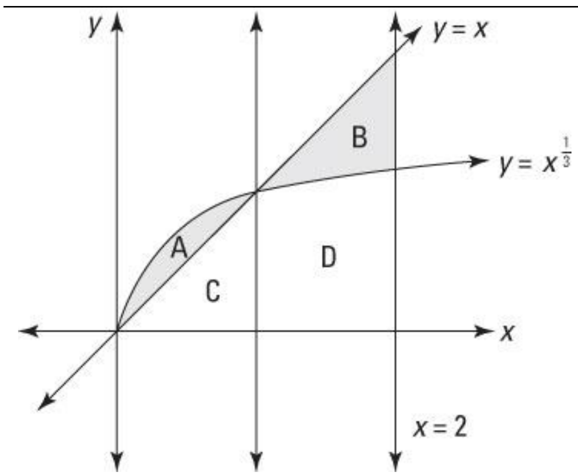


Find the sum of areas A + B, written as a fraction.

Answer : ______________________

Round 1 2 3 4 5

#11 Calculus – Hustle
MAΘ National Convention 2017

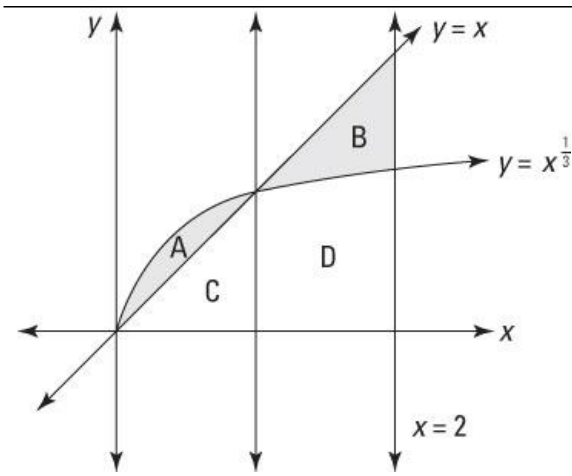


Find the sum of areas A + B, written as a fraction.

Answer : ______________________

Round 1 2 3 4 5

#11 Calculus – Hustle
MAΘ National Convention 2017

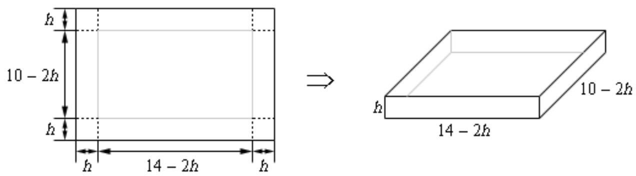


Find the sum of areas A + B, written as a fraction.

Answer : ______________________

Round 1 2 3 4 5

#12 Calculus – Hustle
MAΘ National Convention 2017

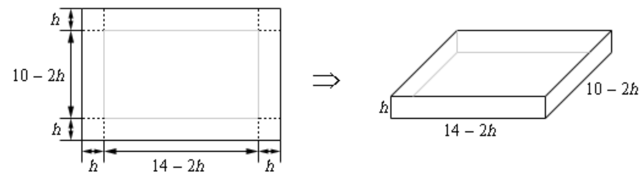


Given the open box formed by cutting the four square corners from the rectangle and folding, find the value of the height of the box that gives a maximum volume, written as a fraction.

Answer : ____________________

Round 1 2 3 4 5

#12 Calculus – Hustle
MAΘ National Convention 2017

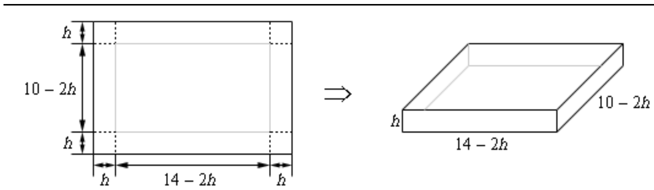


Given the open box formed by cutting the four square corners from the rectangle and folding, find the value of the height of the box that gives a maximum volume, written as a fraction.

Answer : ____________________

Round 1 2 3 4 5

#12 Calculus – Hustle
MAΘ National Convention 2017

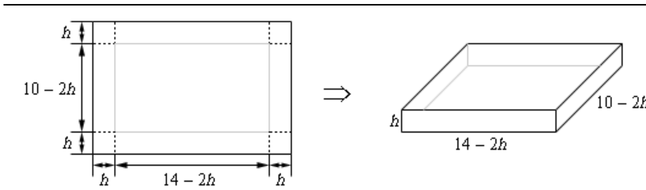


Given the open box formed by cutting the four square corners from the rectangle and folding, find the value of the height of the box that gives a maximum volume, written as a fraction.

Answer : ____________________

Round 1 2 3 4 5

#12 Calculus – Hustle
MAΘ National Convention 2017



Given the open box formed by cutting the four square corners from the rectangle and folding, find the value of the height of the box that gives a maximum volume, written as a fraction.

Answer : ____________________

Round 1 2 3 4 5

#13 Calculus – Hustle
MAΘ National Convention 2017

Find the x-value of the point on the graph of $y=\frac{6}{x^2+3}$ such that the slope of the tangent to the graph at this point is a minimum.

Answer : ______________________

Round 1 2 3 4 5

#13 Calculus – Hustle
MAΘ National Convention 2017

Find the x-value of the point on the graph of $y=\frac{6}{x^2+3}$ such that the slope of the tangent to the graph at this point is a minimum.

Answer : ______________________

Round 1 2 3 4 5

#13 Calculus – Hustle
MAΘ National Convention 2017

Find the x-value of the point on the graph of $y=\frac{6}{x^2+3}$ such that the slope of the tangent to the graph at this point is a minimum.

Answer : ______________________

Round 1 2 3 4 5

#13 Calculus – Hustle
MAΘ National Convention 2017

Find the x-value of the point on the graph of $y=\frac{6}{x^2+3}$ such that the slope of the tangent to the graph at this point is a minimum.

Answer : ______________________

Round 1 2 3 4 5

#14 Calculus – Hustle
MAΘ National Convention 2017

Find the sum of a and b if

$$f(x)=\begin{cases} ax^2+b, & x<2 \\ -8x+a, & x\geq 2 \end{cases}$$

is differentiable over all real numbers.

Answer : ____________________

Round 1 2 3 4 5

#14 Calculus – Hustle
MAΘ National Convention 2017

Find the sum of a and b if

$$f(x)=\begin{cases} ax^2+b, & x<2 \\ -8x+a, & x\geq 2 \end{cases}$$

is differentiable over all real numbers.

Answer : ____________________

Round 1 2 3 4 5

#14 Calculus – Hustle
MAΘ National Convention 2017

Find the sum of a and b if

$$f(x)=\begin{cases} ax^2+b, & x<2 \\ -8x+a, & x\geq 2 \end{cases}$$

is differentiable over all real numbers.

Answer : ____________________

Round 1 2 3 4 5

#14 Calculus – Hustle
MAΘ National Convention 2017

Find the sum of a and b if

$$f(x)=\begin{cases} ax^2+b, & x<2 \\ -8x+a, & x\geq 2 \end{cases}$$

is differentiable over all real numbers.

Answer : ____________________

Round 1 2 3 4 5

#15 Calculus – Hustle
MAΘ National Convention 2017

Evaluate: $\int_0^{\frac{\pi}{4}} \sec^2 x\left(1+\tan x\right)dx$

Answer : _____

Round 1 2 3 4 5

#15 Calculus – Hustle
MAΘ National Convention 2017

Evaluate: $\int_0^{\frac{\pi}{4}} \sec^2 x\left(1+\tan x\right)dx$

Answer : _____

Round 1 2 3 4 5

#15 Calculus – Hustle
MAΘ National Convention 2017

Evaluate: $\int_0^{\frac{\pi}{4}} \sec^2 x\left(1+\tan x\right)dx$

Answer : _____

Round 1 2 3 4 5

#15 Calculus – Hustle
MAΘ National Convention 2017

Evaluate: $\int_0^{\frac{\pi}{4}} \sec^2 x\left(1+\tan x\right)dx$

Answer : _____

Round 1 2 3 4 5

#16 Calculus – Hustle
MAΘ National Convention 2017

Evaluate: $\int_0^{\frac{\pi}{20}} \tan(5x) \cdot \cos(5x)\, dx$, written as a fraction.

Answer : ______________________

Round 1 2 3 4 5

#16 Calculus – Hustle
MAΘ National Convention 2017

Evaluate: $\int_0^{\frac{\pi}{20}} \tan(5x) \cdot \cos(5x)\, dx$, written as a fraction.

Answer : ______________________

Round 1 2 3 4 5

#16 Calculus – Hustle
MAΘ National Convention 2017

Evaluate: $\int_0^{\frac{\pi}{20}} \tan(5x) \cdot \cos(5x)\, dx$, written as a fraction.

Answer : ______________________

Round 1 2 3 4 5

#16 Calculus – Hustle
MAΘ National Convention 2017

Evaluate: $\int_0^{\frac{\pi}{20}} \tan(5x) \cdot \cos(5x)\, dx$, written as a fraction.

Answer : ______________________

Round 1 2 3 4 5

#17 Calculus – Hustle
MAΘ National Convention 2017

Evaluate: $\dfrac{1}{\int_0^{\frac{\pi}{2}} 2^{\sin x}\cos x dx}$

Answer : _____

Round 1 2 3 4 5

#17 Calculus – Hustle
MAΘ National Convention 2017

Evaluate: $\dfrac{1}{\int_0^{\frac{\pi}{2}} 2^{\sin x}\cos x dx}$

Answer : _____

Round 1 2 3 4 5

#17 Calculus – Hustle
MAΘ National Convention 2017

Evaluate: $\dfrac{1}{\int_0^{\frac{\pi}{2}} 2^{\sin x}\cos x dx}$

Answer : _____

Round 1 2 3 4 5

#17 Calculus – Hustle
MAΘ National Convention 2017

Evaluate: $\dfrac{1}{\int_0^{\frac{\pi}{2}} 2^{\sin x}\cos x dx}$

Answer : _____

Round 1 2 3 4 5

#18 Calculus – Hustle
MAΘ National Convention 2017

If $f(x) = 2 + |x - 3|$ for all *x*, then what is the value of $f'(x)$ at x = 4?

Answer : ____________________

Round 1 2 3 4 5

#18 Calculus – Hustle
MAΘ National Convention 2017

If $f(x) = 2 + |x - 3|$ for all *x*, then what is the value of $f'(x)$ at x = 4?

Answer : ____________________

Round 1 2 3 4 5

#18 Calculus – Hustle
MAΘ National Convention 2017

If $f(x) = 2 + |x - 3|$ for all *x*, then what is the value of $f'(x)$ at x = 4?

Answer : ____________________

Round 1 2 3 4 5

#18 Calculus – Hustle
MAΘ National Convention 2017

If $f(x) = 2 + |x - 3|$ for all *x*, then what is the value of $f'(x)$ at x = 4?

Answer : ____________________

Round 1 2 3 4 5

#19 Calculus – Hustle
MAΘ National Convention 2017

Find the volume of the solid of revolution generated by revolving the region bounded by $y = \sqrt{1-x^2}$ and $y = 0$ about the x–axis.

Answer : ____________________

Round 1 2 3 4 5

#19 Calculus – Hustle
MAΘ National Convention 2017

Find the volume of the solid of revolution generated by revolving the region bounded by $y = \sqrt{1-x^2}$ and $y = 0$ about the x–axis.

Answer : ____________________

Round 1 2 3 4 5

#19 Calculus – Hustle
MAΘ National Convention 2017

Find the volume of the solid of revolution generated by revolving the region bounded by $y = \sqrt{1-x^2}$ and $y = 0$ about the x–axis.

Answer : ____________________

Round 1 2 3 4 5

#19 Calculus – Hustle
MAΘ National Convention 2017

Find the volume of the solid of revolution generated by revolving the region bounded by $y = \sqrt{1-x^2}$ and $y = 0$ about the x–axis.

Answer : ____________________

Round 1 2 3 4 5

#20 Calculus – Hustle
MAΘ National Convention 2017

If $\int_0^1 \frac{e^x}{e^{2x}+3e^x+2}dx = \ln A$, where A is real, find the value of A, written as an unfactored fraction.

Answer : ______________________

Round 1 2 3 4 5

#20 Calculus – Hustle
MAΘ National Convention 2017

If $\int_0^1 \frac{e^x}{e^{2x}+3e^x+2}dx = \ln A$, where A is real, find the value of A, written as an unfactored fraction.

Answer : ______________________

Round 1 2 3 4 5

#20 Calculus – Hustle
MAΘ National Convention 2017

If $\int_0^1 \frac{e^x}{e^{2x}+3e^x+2}dx = \ln A$, where A is real, find the value of A, written as an unfactored fraction.

Answer : ______________________

Round 1 2 3 4 5

#20 Calculus – Hustle
MAΘ National Convention 2017

If $\int_0^1 \frac{e^x}{e^{2x}+3e^x+2}dx = \ln A$, where A is real, find the value of A, written as an unfactored fraction.

Answer : ______________________

Round 1 2 3 4 5

#21 Calculus – Hustle
MAΘ National Convention 2017

Evaluate: $\lim_{x\to 0}\dfrac{\sqrt{25-x^2}-5}{x}$

Answer : _____

Round 1 2 3 4 5

#21 Calculus – Hustle
MAΘ National Convention 2017

Evaluate: $\lim_{x\to 0}\dfrac{\sqrt{25-x^2}-5}{x}$

Answer : _____

Round 1 2 3 4 5

#21 Calculus – Hustle
MAΘ National Convention 2017

Evaluate: $\lim_{x\to 0}\dfrac{\sqrt{25-x^2}-5}{x}$

Answer : _____

Round 1 2 3 4 5

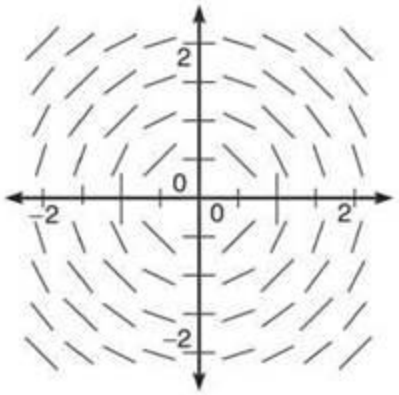
#21 Calculus – Hustle
MAΘ National Convention 2017

Evaluate: $\lim_{x\to 0}\dfrac{\sqrt{25-x^2}-5}{x}$

Answer : _____

Round 1 2 3 4 5

#22 Calculus – Hustle
MAΘ National Convention 2017

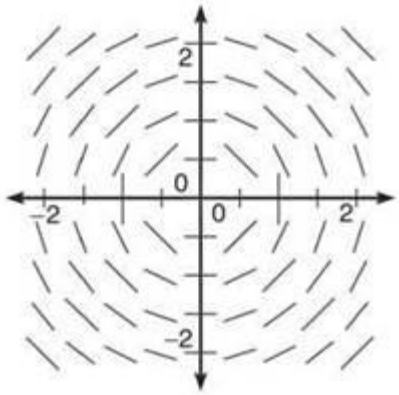


Find the eccentricity of the graph of the solution to the slope field above, given that solution is a conic section.

Answer : _____

Round 1 2 3 4 5

#22 Calculus – Hustle
MAΘ National Convention 2017

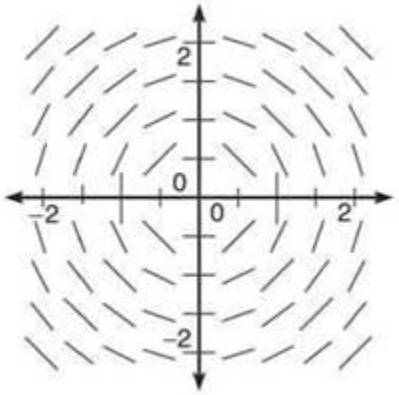


Find the eccentricity of the graph of the solution to the slope field above, given that solution is a conic section.

Answer : _____

Round 1 2 3 4 5

#22 Calculus – Hustle
MAΘ National Convention 2017

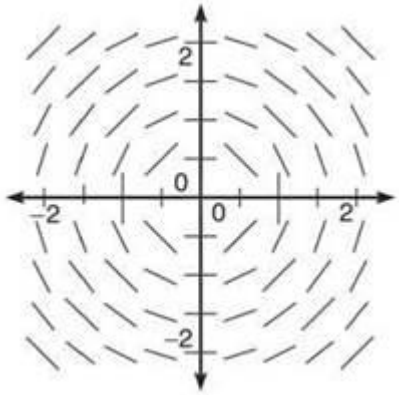


Find the eccentricity of the graph of the solution to the slope field above, given that solution is a conic section.

Answer : _____

Round 1 2 3 4 5

#22 Calculus – Hustle
MAΘ National Convention 2017



Find the eccentricity of the graph of the solution to the slope field above, given that solution is a conic section.

Answer : _____

Round 1 2 3 4 5

#23 Calculus – Hustle
MAΘ National Convention 2017

Find the value of $f'(7)$, given that

$$f(x)=\ln\frac{(x-1)^2}{(x+2)}.$$

Answer : _____

Round 1 2 3 4 5

#23 Calculus – Hustle
MAΘ National Convention 2017

Find the value of $f'(7)$, given that

$$f(x)=\ln\frac{(x-1)^2}{(x+2)}.$$

Answer : _____

Round 1 2 3 4 5

#23 Calculus – Hustle
MAΘ National Convention 2017

Find the value of $f'(7)$, given that

$$f(x)=\ln\frac{(x-1)^2}{(x+2)}.$$

Answer : _____

Round 1 2 3 4 5

#23 Calculus – Hustle
MAΘ National Convention 2017

Find the value of $f'(7)$, given that

$$f(x)=\ln\frac{(x-1)^2}{(x+2)}.$$

Answer : _____

Round 1 2 3 4 5

#24 Calculus – Hustle
MAΘ National Convention 2017

If a curve is continuous, crosses the x-axis at two distinct points, and has a tangent at every point between those two x-intercepts, the tangent to the curve at some point between the x-intercepts is parallel to the x-axis.

The theorem above is generally attributed to what mathematician (last name only)?

Answer : ______________________

Round 1 2 3 4 5

#24 Calculus – Hustle
MAΘ National Convention 2017

If a curve is continuous, crosses the x-axis at two distinct points, and has a tangent at every point between those two x-intercepts, the tangent to the curve at some point between the x-intercepts is parallel to the x-axis.

The theorem above is generally attributed to what mathematician (last name only)?

Answer : ______________________

Round 1 2 3 4 5

#24 Calculus – Hustle
MAΘ National Convention 2017

If a curve is continuous, crosses the x-axis at two distinct points, and has a tangent at every point between those two x-intercepts, the tangent to the curve at some point between the x-intercepts is parallel to the x-axis.

The theorem above is generally attributed to what mathematician (last name only)?

Answer : ______________________

Round 1 2 3 4 5

#24 Calculus – Hustle
MAΘ National Convention 2017

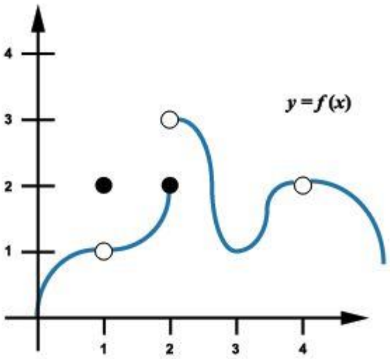
If a curve is continuous, crosses the x-axis at two distinct points, and has a tangent at every point between those two x-intercepts, the tangent to the curve at some point between the x-intercepts is parallel to the x-axis.

The theorem above is generally attributed to what mathematician (last name only)?

Answer : ______________________

Round 1 2 3 4 5

#25 Calculus – Hustle
MAΘ National Convention 2017

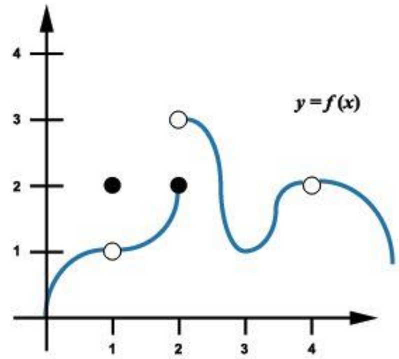


Find the sum of all x values for the graph of y in the interval [0,5] where the graph is not differentiable. The curve does not have a vertical tangent at any point in the diagram.

Answer : ____________________

Round 1 2 3 4 5

#25 Calculus – Hustle
MAΘ National Convention 2017

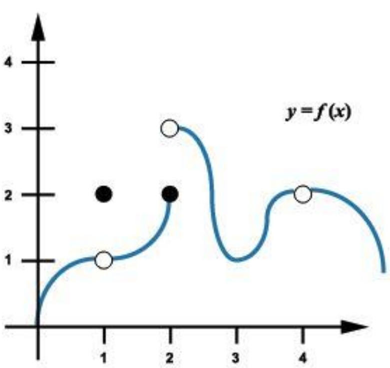


Find the sum of all x values for the graph of y in the interval [0,5] where the graph is not differentiable. The curve does not have a vertical tangent at any point in the diagram.

Answer : ____________________

Round 1 2 3 4 5

#25 Calculus – Hustle
MAΘ National Convention 2017

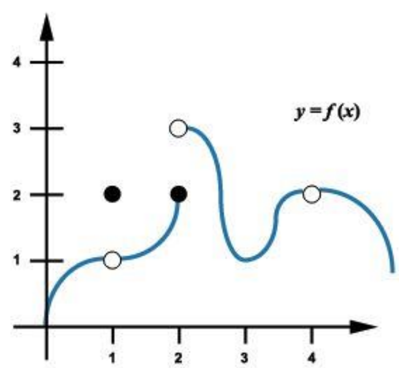


Find the sum of all x values for the graph of y in the interval [0,5] where the graph is not differentiable. The curve does not have a vertical tangent at any point in the diagram.

Answer : ____________________

Round 1 2 3 4 5

#25 Calculus – Hustle
MAΘ National Convention 2017



Find the sum of all x values for the graph of y in the interval [0,5] where the graph is not differentiable. The curve does not have a vertical tangent at any point in the diagram.

Answer : ____________________

Round 1 2 3 4 5