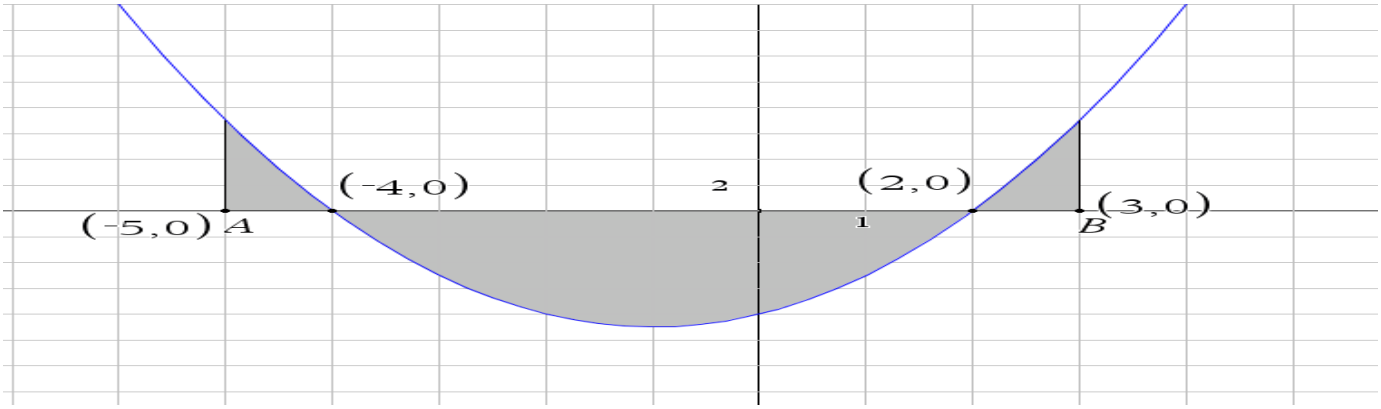
Name_____ Daily Quiz 3 Wednesday 3-18-20

Either scan your answers or send a picture using remind or email JUSTIFY YOUR STEPS

Use the RRAM method and 8 rectangles to find the shaded area related to $f(x)=x^2+2x-8$ over an interval from -5 to 3



The width of each rectangle is_____

There are eight heights of rectangles state them

First height	Second height	Third height	Fourth height	Fifth height	Sixth height	Seventh height	Eighth height

State the eight areas related to the eight heights of rectangles

Area related to the First height	Area related to the Second height	Area related to the Third height	Area related to the Fourth height	Area related to the Fifth height	Area related to the Sixth height	Area related to the Seventh height	Area related to the Eighth height

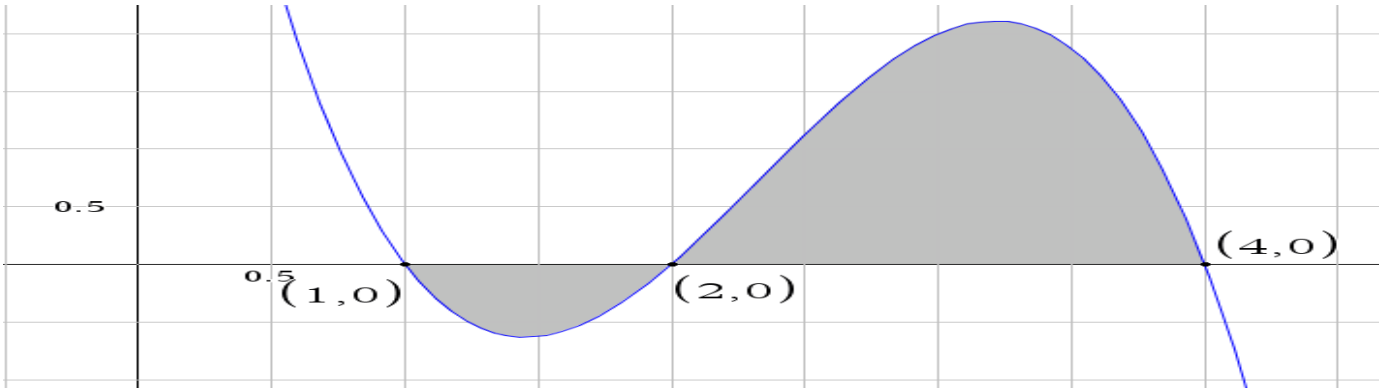
State the THREE DEFINITE integrals related to this specific interval

What is the shaded area according to the RRAM method?_____

What is the shaded area according to the sum of the three definite intervals above?_____

https://www.geogebra.org/m/guwzyzbq

Use the LRAM method and 8 rectangles to find the shaded area related to $f(x)= -1x^3+7x^2-14x+8$ over an interval from 1 to 4



The width of each rectangle is_____

There are eight heights of rectangles state them

First height	Second height	Third height	Fourth height	Fifth height	Sixth height	Seventh height	Eighth height

State the eight areas related to the eight heights of rectangles

Area related to the First height	Area related to the Second height	Area related to the Third height	Area related to the Fourth height	Area related to the Fifth height	Area related to the Sixth height	Area related to the Seventh height	Area related to the Eighth height

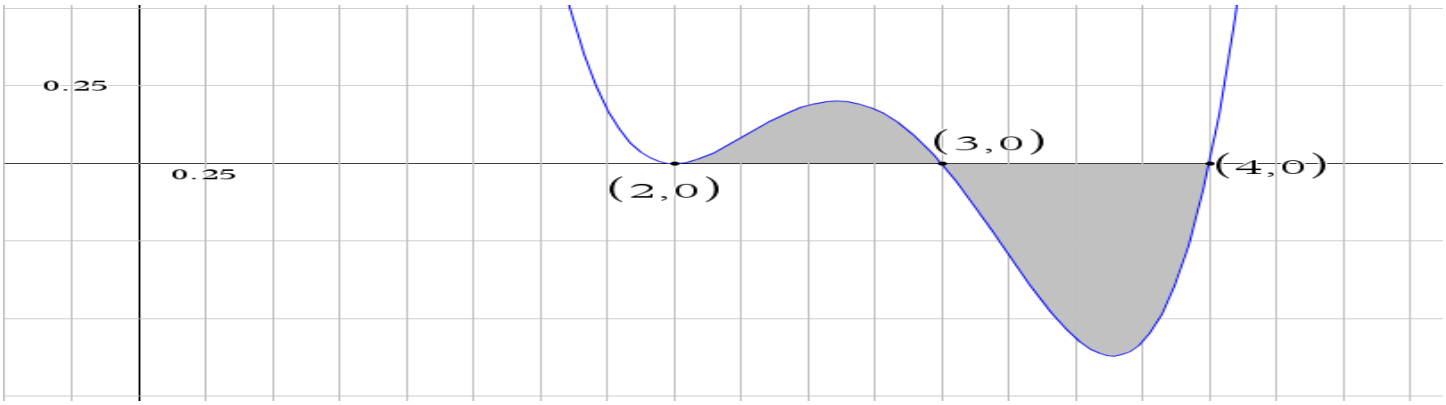
State the TWO DEFINITE integrals related to this specific interval

What is the shaded area according to the LRAM method?_____

What is the shaded area according to the sum of the two definite intervals above?_____

https://www.geogebra.org/m/jktu67gp

Use the MRAM method and 8 rectangles to find the shaded area related to $f(x)= x^4-11x^3+44x^2-76x+48$ over an interval from 2 to 4



The width of each rectangle is_____

There are eight heights of rectangles state them

First height	Second height	Third height	Fourth height	Fifth height	Sixth height	Seventh height	Eighth height

State the eight areas related to the eight heights of rectangles

Area related to the First height	Area related to the Second height	Area related to the Third height	Area related to the Fourth height	Area related to the Fifth height	Area related to the Sixth height	Area related to the Seventh height	Area related to the Eighth height

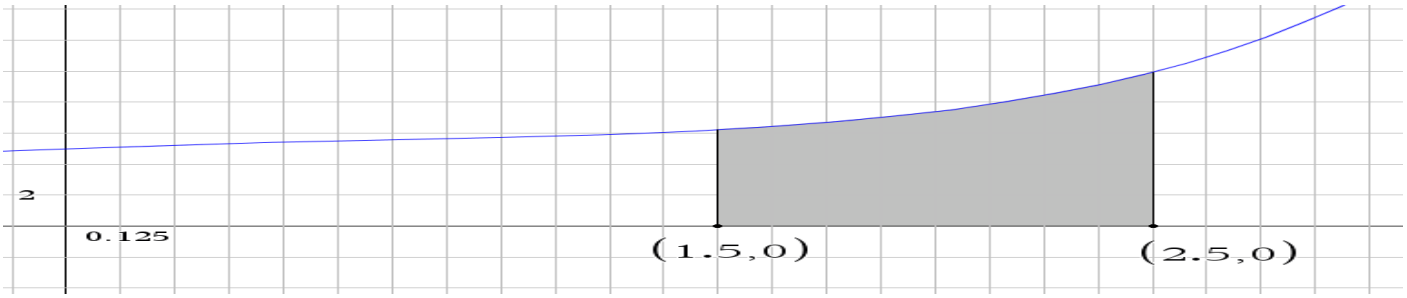
State the TWO DEFINITE integrals related to this specific interval

What is the shaded area according to the MRAM method?_____

What is the shaded area according to the sum of the two definite intervals above?_____

https://www.geogebra.org/m/mhy4v6qw

Use the LRAM and RRAM methods and 8 rectangles to find the shaded area related to $f(x)= e^{x}-1x^{2}+4$ over an interval from 1.5 to 2.5



The width of each rectangle is_____

There are eight heights of rectangles state them for LRAM method

First height	Second height	Third height	Fourth height	Fifth height	Sixth height	Seventh height	Eighth height

State the eight areas related to the eight heights of rectangles for the LRAM method

Area related to the First height	Area related to the Second height	Area related to the Third height	Area related to the Fourth height	Area related to the Fifth height	Area related to the Sixth height	Area related to the Seventh height	Area related to the Eighth height

There are eight heights of rectangles state them for RRAM method

First height	Second height	Third height	Fourth height	Fifth height	Sixth height	Seventh height	Eighth height

State the eight areas related to the eight heights of rectangles for the RRAM method

Area related to the First height	Area related to the Second height	Area related to the Third height	Area related to the Fourth height	Area related to the Fifth height	Area related to the Sixth height	Area related to the Seventh height	Area related to the Eighth height

State the DEFINITE integral related to this specific interval_____

What is the shaded area according to the LRAM method?_____

What is the shaded area according to the RRAM method?_____

What is the shaded area according to the definite interval above?_____

https://www.geogebra.org/m/zqfxyzxr