Untitled Construction (5 February 2025)

	D. C.	W.I.
No. Name 1 Point A	Description	Value A = (-14, -7)
2 Point B		B = (14, 7)
3 Boolean Value a		a = false
4 Boolean Value b		b = false
5 Boolean Value c		c = false
6 Boolean Value d		d = false
	RandomElement(Sequence(0, 10, 1))	ii = 10
		is = 15
		na = 6
	RandomElement(Sequence(0, 10, 1))	nb = 8
	RandomElement({"left", "right"})	"right"
	Simplify(na x + nb)	f(x) = 6x + 8
	" $\text{text}(Compute the " + (FormulaText(side)) + "Riemann sum}(\text{or } f(x) = " + (FormulaText(f)) + ", \text{text}(on the} (s)) + "]." + (FormulaText(ii)) + ", " + (FormulaText(s)) + "]."$	lem:lem:lem:lem:lem:lem:lem:lem:lem:lem:
14 Number op2	RandomElement({-2, -1, 1, 2})	op2 = -1
15 Number op3	RandomElement({-2, -1, 1, 2}\ {op2})	op3 = 1
16 Number op4	RandomElement({-2, -1, 1, 2} \ {op2, op3})	op4 = 2
17 CAS Cell \$1	na ls² / 2 - na li² / 2 + nb ls - nb li - Simplify((na (ls - li)² + op3) / 2 / n)	415 - 151 / (2n)
18 CAS Cell \$2	na ls² / 2 - na li² / 2 + nb ls - nb li - Simplify((na (ls - li)²) / 2 / n)	415 - 75 / n
19 CAS Cell \$3	na ls² / 2 - na li² / 2 + nb ls - nb li + Simplify((na (ls - li)²) / 2 / n)	415 + 75 / n
20 CAS Cell \$4	na ls² / 2 - na li² / 2 + nb ls - nb li - Simplify((na (ls - li)² + op2) / 2 / n)	415 - 149 / (2n)
21 CAS Cell \$5	na ls² / 2 - na li² / 2 + nb ls - nb li + Simplify((na (ls - li)² + op2) / 2 / n)	415 + 149 / (2n)
22 CAS Cell \$6	na ls² / 2 - na li² / 2 + nb ls - nb li + Simplify((na (ls - li)² + op3) / 2 / n)	415 + 151 / (2n)
23 CAS Cell \$7	na ls² / 2 - na li² / 2 + nb ls - nb li - Simplify((na (ls - li)² + op4) / 2 / n)	415 - 76 / n
24 CAS Cell \$8	na ls² / 2 - na li² / 2 + nb ls - nb li + Simplify((na (ls - li)² + op4) / 2 / n)	415 + 76 / n
25 Text option1	If(side ≟ "left", FormulaText(\$2), FormulaText(\$3))	"415 + \frac{75}{n}"
26 Text option2	If(side ≟ "left", FormulaText(\$4), FormulaText(\$5))	"415 + \frac{149}{2 \; n}"
27 Text option3	If(side ≟ "left", FormulaText(\$1), FormulaText(\$6))	"415 + \frac{151}{2 \; n}"
28 Text option4	If(side ≟ "left", FormulaText(\$7), FormulaText(\$8))	"415 + \frac{76}{n}"
	Sample(I1, 4, false)	2 = {"415 + \frac{151}{2 \; n}", "415 + \frac{75}{n}", "415 + \frac{76}{n}", "415 + \frac{149}{2 \; n}"}
	{a, b, c, d}	I3 = {false, false, false, false}
	""+ (FormulaText(Text(Element(l2, 1), (-1.3, 4), true, true))) + ""	"415 + \frac{\(151\){2 \; n\}"
· ·		
	"" + (FormulaText(Text(Element(12, 2), (-1.3, 4), true, true))) + ""	"415 + \frac{75{n}"
	"" + (FormulaText(Text(Element(I2, 3), (-1.3, 3), true, true))) + ""	"415 + \frac{76}{n}"
	"" + (FormulaText(Text(Element(l2, 4), (-1.3, 3), true, true))) + ""	"415 + \frac{149}{2 \; n}"
alswei	IndexOf(option1,I2)	right answer = 2
37 Number grade	$If(Element(I3, right_{answer}) \doteq true, 100, 0) + If(Sum(I3) \doteq 0, 0, If(Element(I3, right_{answer}) \doteq true, 0, 50))$	grade = 0
38 Numbercounter		counter = 0
39 Number score		score = 0
40 Text feddback _{in}	"text{Score: }" + (FormulaText(score)) + ""	"\text{Score: }0"
41 Text feedback _{co}	"text{Score: }" + (FormulaText(score)) + ""	"\text{Score: }0"
42 Quadrilateral c1	Polygon (-15, -5), (-10, -5), (-10, 4), (-15, 4)	c1 = 45
42 Segment g	Segment (-15, -5), (-10, -5)	g = 5
		h=9
	Segment (-10, 4), (-15, 4)	i = 5
	Segment (-15, 4), (-15, -5)	j=9
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No. Name	Description	Value
43 Quadrilateral c2	Polygon (5, -6), (15, -6), (15, -4), (5, -4)	c2 = 20
43 Segment k	Segment (5, -6), (15, -6)	k = 10
43 Segment I	Segment (15, -6), (15, -4)	I = 2
43 Segment m	Segment (15, -4), (5, -4)	m = 10
43 Segment p	Segment (5, -4), (5, -6)	p = 2
44 Buttonbutton1		button1