

4.2/4.6 Quiz Review WS #3

Use sigma notation to write sum 4.2, 4.6 Quiz Review #3

1) $7\left[\frac{3}{6} + 4\right] + 7\left[\frac{6}{6} + 8\right] + 7\left[\frac{9}{6} + 12\right] + \dots + 7\left[\frac{18}{6} + 24\right]$

2) Use Limit Definition to find area: $h(x) = 3x - x^2$ $[-1, 2]$.

3) Use 3 right-handed rectangles to approximate area of $f(x) = 1 + 3x^2$, x-axis, $x=2$, $x=4$

4) Use 2 trapezoids to approximate area $[3, 20]$

x	2	3	6	9	10	11	13	17	19	20	33
f(x)	8	4	1	5	6	9	3	11	4	17	19