

x	0	1	2	3	4	5	6
f(x)	-6	0	8	18	30	50	80

$\int_0^6 f(x) dx$ 3 subintervals
 f is increasing. Compare estimates w/ actual

1) LRAM: $f(0) = -6$
 $f(2) = 8$
 $f(4) = 30$
 $\frac{32}{2} = 64$

2) RRAM: $f(6) = 80$
 $f(4) = 30$
 $f(2) = 8$
 $\frac{118}{2} = 59$

3) MRAM: $f(1) = 0$
 $f(3) = 18$
 $f(5) = 50$
 $\frac{68}{2} = 34$ *closest

