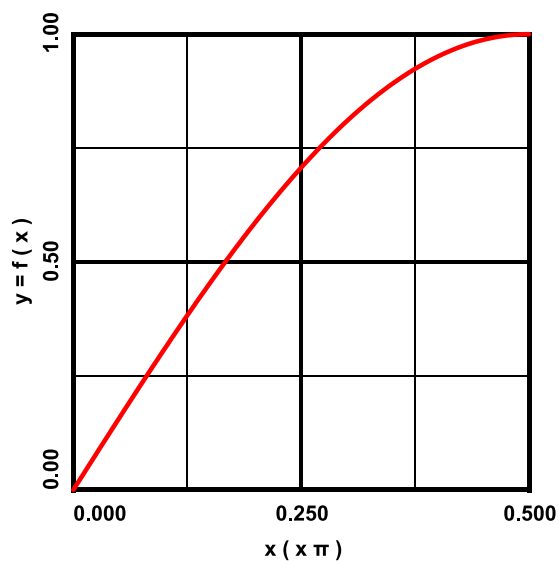


Use `prgmRAM` to calculate the area under  $f(x) = \sin x$  on  $x \in [0, \pi/2]$  as shown by the graph.



- 1) In particular, fill out the table to six digits after the decimal.

$N$	LRAM	MRAM	RRAM
4			
10			
100			
1000			

- 2) What do you think is the exact value of the area?
- 3) Which method, *i.e.*, LRAM, MRAM or RRAM, is most accurate?