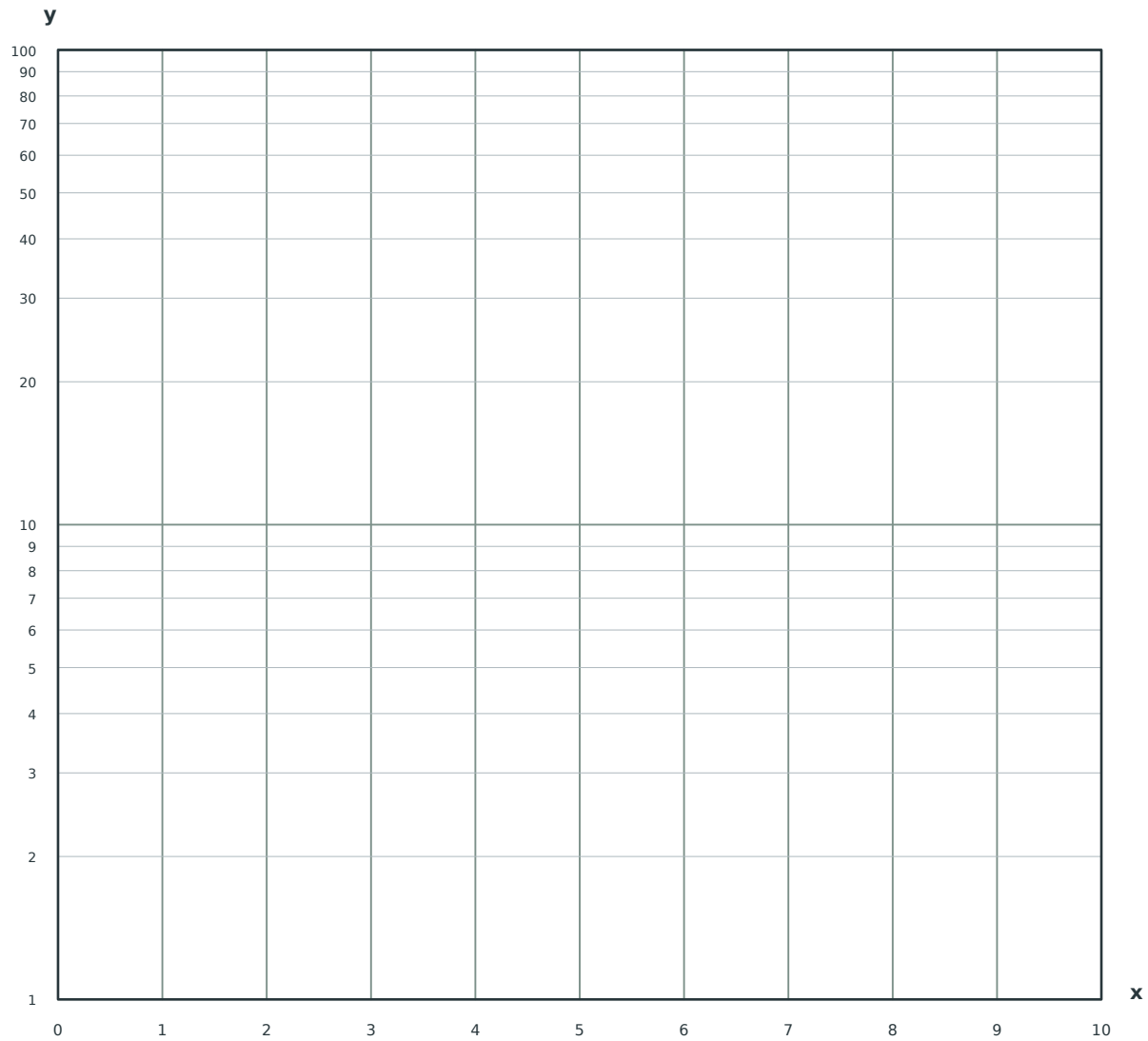


Semi-log plotting: SL01

Synthetic pairs (x,y) : $(0,1)$; $(1,2)$; $(2,4)$; $(3,8)$; $(4,16)$. Find the constant multiplier for each x step. Predict y at $x=5$.

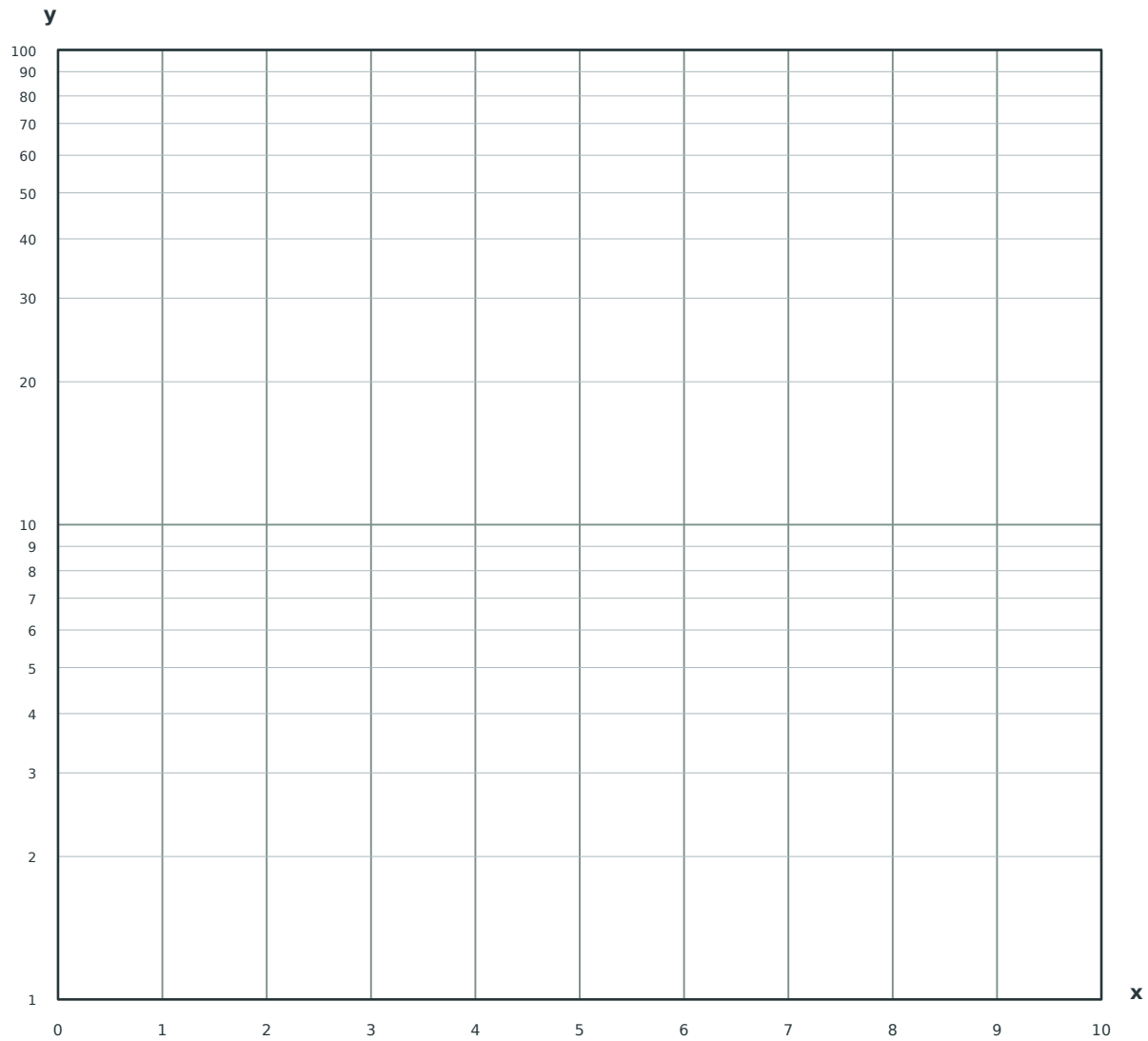


Working: _____ Result and prediction: _____

Use the stated numerical pairs; no ruler measurement or real experiment is required. Log inputs must be positive.

Semi-log plotting: SL02

Synthetic pairs (x,y): (0,100); (1,50); (2,25); (3,12.5); (4,6.25). Find the constant multiplier for each x step. Predict y at x=5.



Working: _____ Result and prediction: _____

Use the stated numerical pairs; no ruler measurement or real experiment is required. Log inputs must be positive.