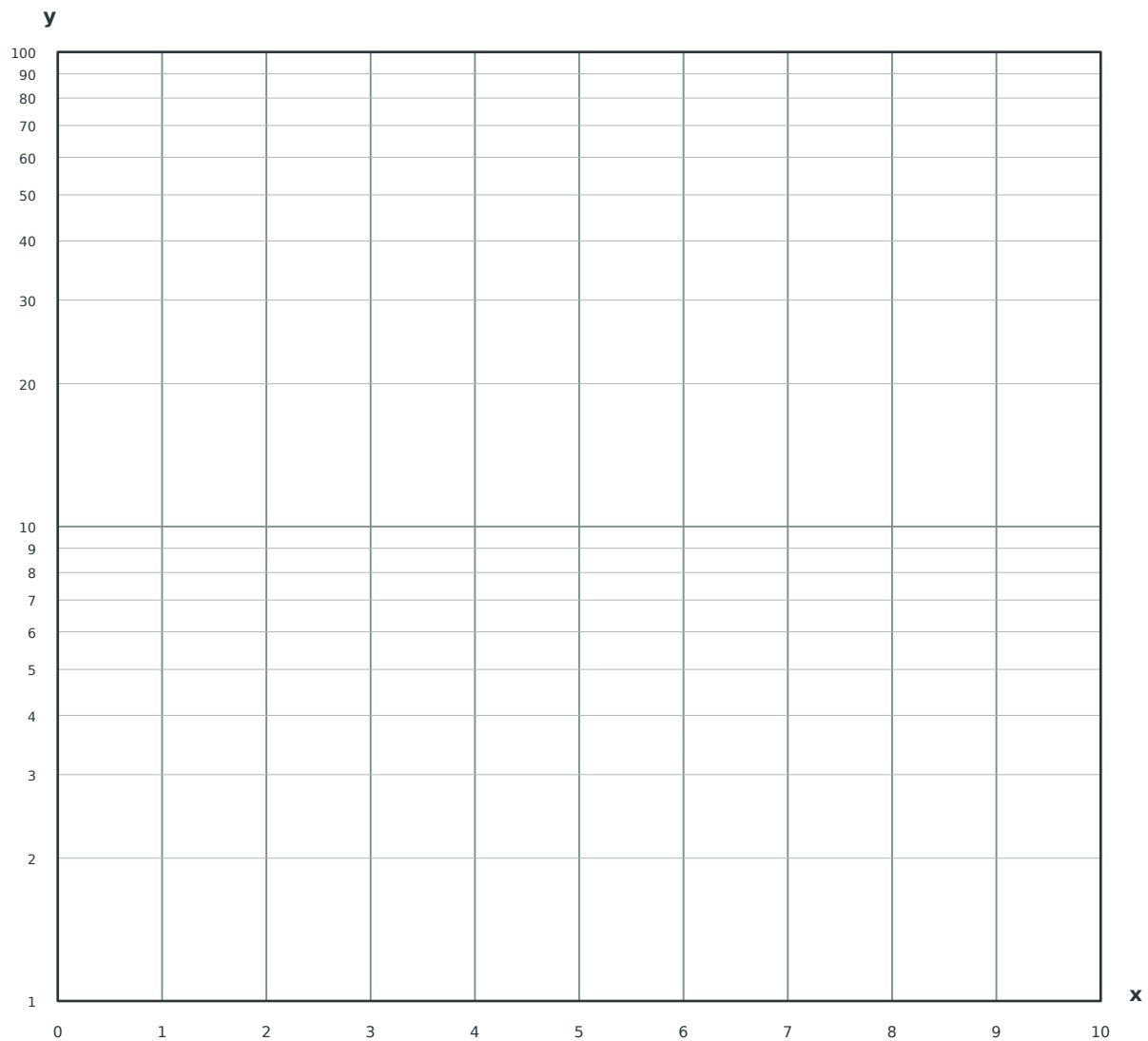


Semi-log plotting: SL01

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.

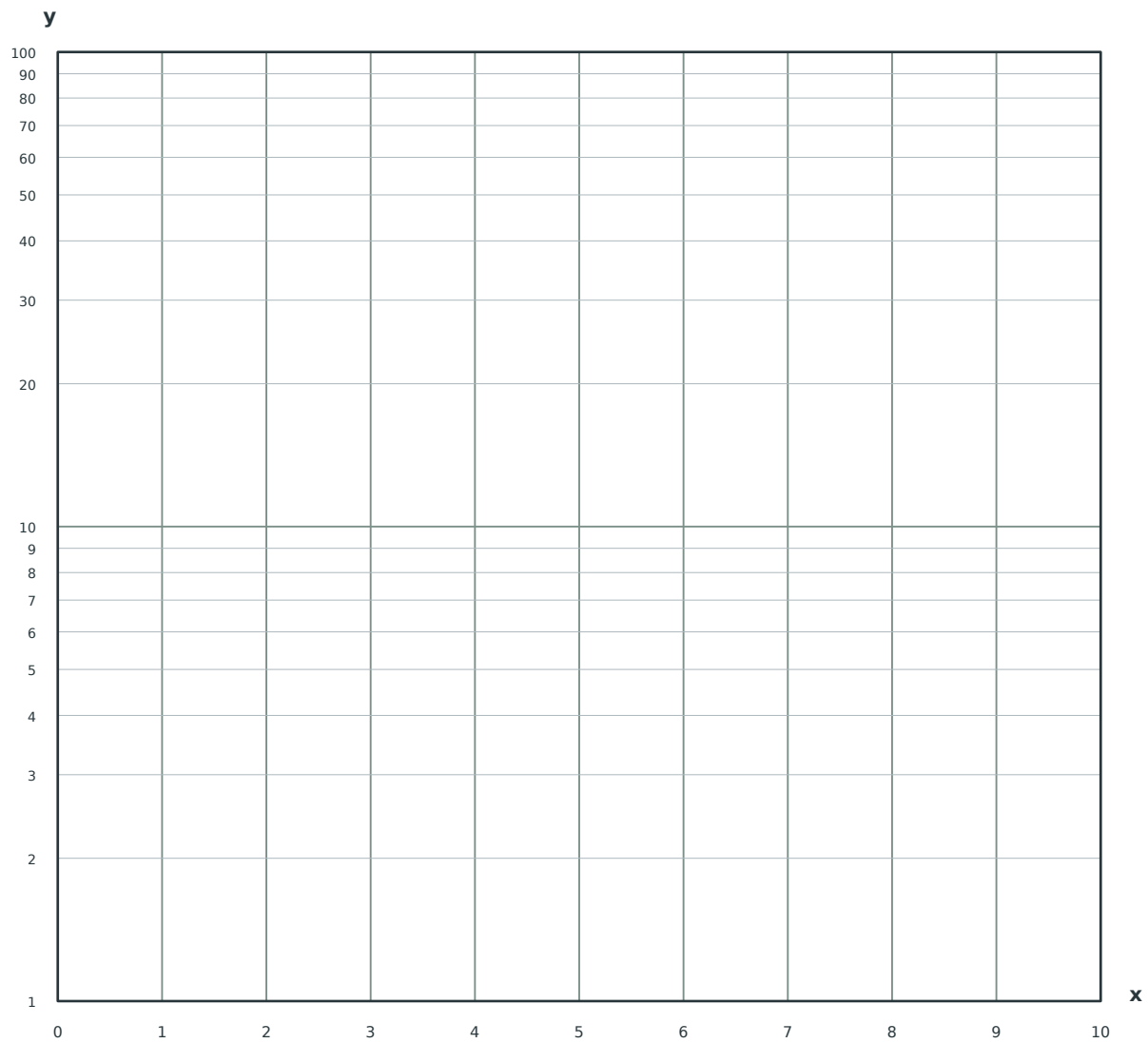


Working: _____ Result and prediction: _____

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.