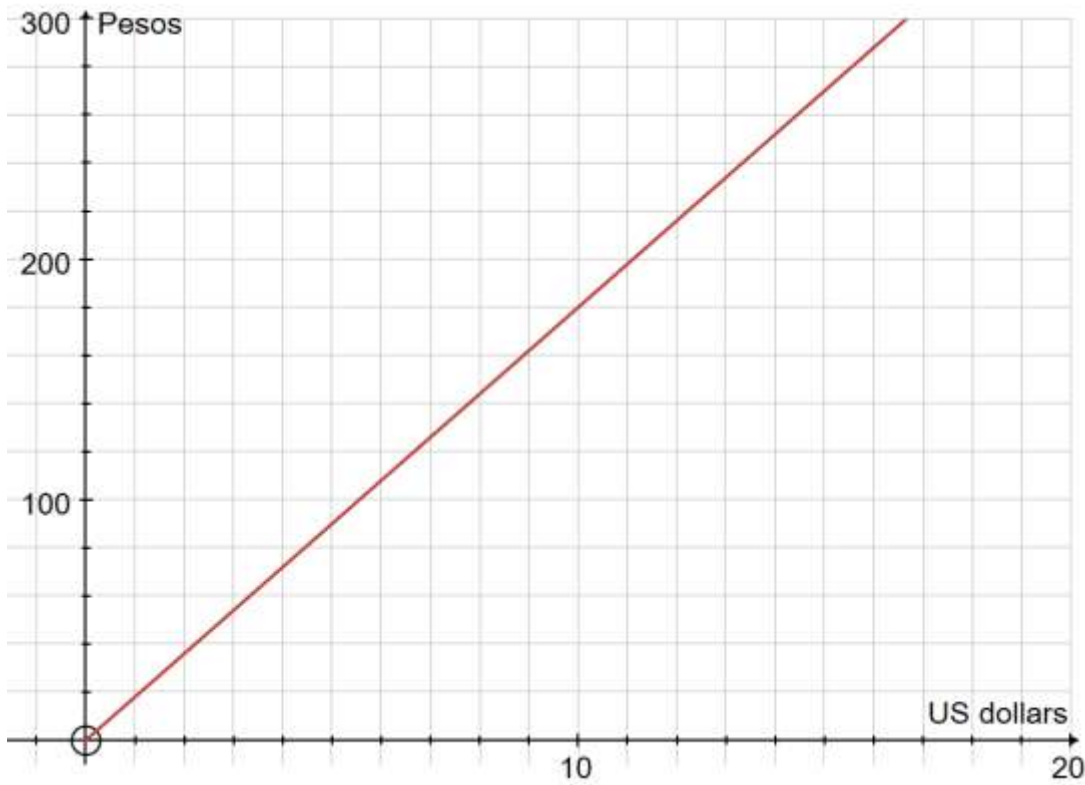


Interleaf 11

- 1) Find the nth term formula for the following sequence:  
11, 14, 17, 20, 23, ...
- 2) Evaluate  $24648 \div 12$
- 3) 6 ties cost £69. Find the cost of 8 ties.
- 4) Simplify fully  $2x - 3y + x - 8y$
- 5) Is 405 a term in the sequence defined by nth term =  $6n + 1$ ?  
Show how you know.
- 6) The graph below converts pesos into US dollars.



Use the graph to convert

- a) 6 US dollars into Pesos
- b) 200 Pesos into US dollars
- 7) Evaluate  $\frac{2}{9} + \frac{5}{6}$
- 8) Find the value of the decimal indicated by the ? below



- Answers      1)  $3n + 8$    2) 2054   3) £92   4)  $3x - 11y$    5) 404 is not a multiple of 6  
6a) ~110 Pesos   b) ~11 Dollars   7)  $1\frac{1}{18}$    8) 1.66