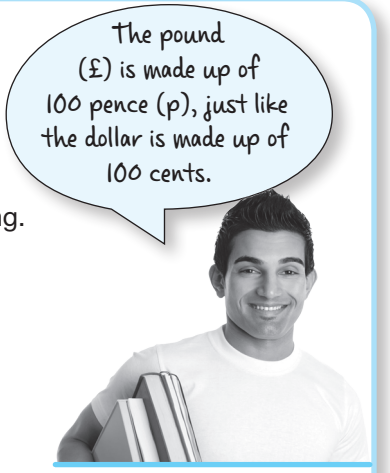
4. Dawson would like to exchange $70 more.

Jonathon thinks Dawson should have a total of £343.54707. Erin says he should have a total of £343.55, and Tre says he should have a total of £342. Who's correct? Who's reasoning is correct? Why are the other students not correct? Explain your reasoning.



Jonathon

$\pounds(d) = 300 + 0.622101d$

$\pounds(d) = 300 + 0.622101(70)$

$\pounds(d) = 300 + 43.54707$

$\pounds(d) = 343.54707$

Erin

$f(d) = 300 + 0.622101d$

$f(d) = 300 + 0.622101(70)$

$f(d) = 300 + 43.54707$

$f(d) = 343.54707$

$f(d) \approx 343.55$

Tre

$f(d) = 300 + 0.6d$

$f(d) = 300 + 0.6(70)$

$f(d) = 300 + 42$

$f(d) = 342$

5. How many total pounds will Dawson have if he only exchanges an additional $50? Show your work.