Part V. Sponsorship

MTV regularly has offers from companies for "Product Placement" in their reality shows. Companies will pay MTV, and you, to if their products appear in the show. Coca Cola, Pepsi and Snapple have both agreed to pay participants if their products appear on the show, but participants must choose only one deal the amount depends on the length of your trip.

Use the information to find an equation (y=mx+b) for the amount of Sponsorship Money (y) you can make for each day of the trip. Show your work and explain your steps below.

Coca Cola	
5 Days	$134
10 Days	$164
15 Days	$194
20 Days	$224

Pepsi	
10 Days	$160
20 Days	$260

Snapple	
9 Days	-$30
19 Days	$190

$$22 \times 19 = 418$$

$6 per day

$$\begin{array}{r} 260 \\ 160 \\ \hline \end{array}$$

$$10\overline{)100}$$

10 per day

Coca Cola: ___y = 6x + 104___   Pepsi: ___y = 10x + 60___   Snapple: ___y = 22x - 228___

Demonstrate how you know the equations work by checking your answer

Explain in words how you found the equation for Coca cola and Pepsi

first find initial value. This is when x=0, we found this by counting backwards based on how much y is changing (roc) each time. coca-cola so to make the equation we put y = ___ x + 104.