

This book has permission to use the "N&K method of COLORS".

16) Question: Which choice below represents the graph in the previous question?

A) total owed by john to the hardware store = $\$5 + \left\{ \left(\frac{\text{Roundup}(\text{time in minutes} - 75)}{15} \right) \right\} \times \19

B) total owed by john to the hardware store = $\$19 + \left\{ \left(\frac{\text{Roundup}(\text{time in minutes} - 75)}{15} \right) \right\} \times \5

C) total owed by john to the hardware store = $\$5 + \left\{ \left(\frac{15}{\text{Roundup}(\text{time in minutes} - 75)} \right) \right\} \times \19

D) total owed by john to the hardware store = $\$19 + \left\{ \left(\frac{15}{\text{Roundup}(\text{time in minutes} - 75)} \right) \right\} \times \5

nc

Where,

Roundup = Rounds up time to the next multiple of 15

i.e. if, time in minutes = 104

then, $\text{Roundup}(\text{time in minutes} - 75)$

$$= \text{Roundup}(104 - 75)$$

$$= \text{Roundup}(29)$$

$$= 30$$

Rounding up time, to the next multiple of 15 above 29 is = 30