

SAT

Quiz #9

① $\frac{3(x+7)}{3} = \frac{60}{3}$

$x+7 = 20$

$x = 13$

then $9x+5 = 9(13)+5$
 $= 117+5$

$= 122$

C

② $x \Delta y = 2x - y$

$\frac{10 \Delta 2}{5 \Delta 8} = \frac{2x-y}{2x-y} = \frac{20-2}{10-8} = \frac{18}{2} = 9$

A

③ $\frac{\$18 \text{ bottle}}{40 \text{ doses}} = \frac{9}{20} = \frac{4.50}{10} = \frac{0.45}{1} = 45 \text{ cents}$

D

④ $7 \times 13.95 = 97.65$ Then subtract

$6 \times 12 = 72.00$

97.65
 -72.00

$\$25.65 \text{ textbook}$

B

⑤ $C = \pi(10)$



$h=9$

Paint = (circumference)(h)

$= (10\pi)(9)$

$= 90\pi$

90