

18. 30% Solution

30 PARTS DRUG
100 PARTS SOLUTION

$$\frac{30}{100}$$

$$\frac{3}{10}$$

$$\textcircled{3:10}$$

19. $\begin{array}{c} \text{DRUG} \\ \downarrow \\ 5 \\ \hline 100 \end{array} \quad \begin{array}{c} X \\ \hline 40 \end{array}$

\swarrow SOL.

$$100X = 5(40)$$

$$100X = 200$$

$$\frac{100X}{100} = \frac{200}{100}$$

$$X = \textcircled{2g}$$

20. $\frac{5}{100} = \frac{X}{80}$

$$100X = 5(80)$$

$$100X = 400$$

$$\frac{100X}{100} = \frac{400}{100}$$

$$\textcircled{X = 4g}$$