

21. 800 mL = _____ pints

$$\frac{800 \cancel{\text{ mL}}}{1} \cdot \frac{1 \text{ pint}}{500 \cancel{\text{ mL}}}$$

$$\frac{800}{500} \text{ pints}$$

$$\frac{8}{5} \text{ pints}$$

$$\left(1 \frac{3}{5} \text{ pints}\right)$$

22. $5 \frac{1}{2}$ cups = _____ ounces

$$\frac{11 \cancel{\text{ cups}}}{2} \cdot \frac{8 \text{ ounces}}{1 \cancel{\text{ cups}}}$$

$$\frac{11 \cdot 8}{2} \text{ ounces}$$

$$\left(44 \text{ ounces}\right)$$

23. $\frac{200 \text{ mg}}{8 \text{ cc}} = \frac{60 \text{ mg}}{X \text{ cc}}$

$$\frac{200}{8} = \frac{60}{X}$$

$$\frac{25 \cdot 50}{2} = \frac{60}{X}$$

$$\frac{25 \cdot 60}{1} = \frac{60}{X}$$

$$25X = 60$$

$$\frac{25X}{25} = \frac{60}{25}$$

$$\left(X = \frac{12}{5}\right)$$

24. 14.5 mg : 6 mL = 29 mg : X mL

$$\frac{14.5 \text{ mg}}{6 \text{ mL}} = \frac{29 \text{ mg}}{X \text{ mL}}$$

$$\frac{14.5 \cdot 29}{6} = \frac{29}{X}$$

$$14.5X = 174$$

$$\frac{14.5X}{14.5} = \frac{174}{14.5}$$

$$X = \left(12\right)$$