

ANSWERS

1

$$\frac{125 \text{ mL}}{60 \text{ min}} \times 10 \text{ gtt/mL} = 20.8 \text{ gtt/min}$$

$$= \mathbf{21 \text{ gtt/min}}$$

5

$$\frac{1240 \text{ mL}}{12 \text{ h}} = 103.3 \text{ mL/h} = \mathbf{103 \text{ mL/h}}$$

$$\frac{103 \text{ mL}}{60 \text{ min}} \times 15 \text{ gtt/mL} = 25.7 \text{ gtt/min}$$

$$= \mathbf{26 \text{ gtt/min}}$$

2

$$\frac{150 \text{ mL}}{60 \text{ min}} \times 15 \text{ gtt/mL} = 37.5 \text{ gtt/min}$$

$$= \mathbf{38 \text{ gtt/min}}$$

6

$$\frac{125 \text{ mL}}{60 \text{ min}} \times 10 \text{ gtt/mL} = 20.8 \text{ gtt/min}$$

$$= \mathbf{21 \text{ gtt/min}}$$

2

$$\frac{100 \text{ mL}}{20 \text{ min}} \times 10 \text{ gtt/mL} = \frac{1000 \text{ gtt}}{20 \text{ min}}$$

$$= \mathbf{50 \text{ gtt/min}}$$

7

$$\frac{150 \text{ mL}}{45 \text{ min}} \times 15 \text{ gtt/mL} = 50 \text{ gtt/min}$$

$$= \mathbf{50 \text{ gtt/min}}$$

4

$$\frac{3000 \text{ mL}}{24 \text{ h}} = \mathbf{125 \text{ mL/h}}$$

$$\frac{125 \text{ mL}}{60 \text{ min}} \times 15 \text{ gtt/mL} = 31.3 \text{ gtt/min}$$

$$= \mathbf{31 \text{ gtt/min}}$$

8

Two 500 mL units of blood = 1000 mL total volume

$$\text{mL/h} = \frac{1000 \text{ mL}}{4 \text{ h}} = 250 \text{ mL/h}$$

$$\frac{250 \text{ mL}}{60 \text{ min}} \times 10 \text{ gtt/mL} = 41.6 \text{ gtt/min}$$

$$= \mathbf{42 \text{ gtt/min}}$$

