

$$(1) a = \frac{800U}{25,000U} \times 250 = 8 \text{ mL/hr}$$

$$b = \frac{250 \text{ mL}}{8 \text{ mL/hr}} = 31 \text{ hr.}$$

$$(9) \frac{23U}{250U} \times 250 \text{ mL} = 23 \text{ mL/hr}$$

$$\frac{250 \text{ mL}}{23 \text{ mL/hr}} = 11 \text{ mL/hr}$$

$$(2) 100 \text{ mL/hr}$$

$$(10) \frac{100,000}{750,000} \times 250 \text{ mL} = 33 \text{ mL/hr}$$

$$(3) \frac{1000 \text{ mL}}{24 \text{ hr}} = 42 \text{ mL/hr}$$

$$(4) \frac{10 \text{ mg}}{125 \text{ mg}} \times 100 \text{ mL} = 8 \text{ mL/hr}$$

$$(5) \frac{4 \text{ mg}}{100 \text{ mg}} \times 100 \text{ mL} = 4 \text{ mL/hr}$$

$$(6) \frac{15U}{125U} \times 250 \text{ mL} = 30 \text{ mL/hr}$$

$$(7) \frac{250 \text{ mL}}{24 \text{ hr}} = 10 \text{ mL/hr}$$

$$(8) \frac{1200U}{25,000U} \times 25 \text{ mL} = 24 \text{ mL/hr}$$

$$\frac{500 \text{ mL}}{24 \text{ mL/hr}} = 21 \text{ mL/hr}$$