① 6.5kg, ordered = 80 mg/kg/12hrs, 80-90 mg/kg/day

$(6.5\text{kg})\left(\frac{80\text{ mg}}{\text{kg}}\right) = 520\text{ mg}$ $(6.5\text{kg})\left(\frac{90\text{ mg}}{\text{kg}}\right) = 585\text{ mg}$

520 - 585 mg/day

260 - 292.5 / 12hrs

$275\text{mg} \times \frac{5\text{mL}}{250\text{mg}} = 5.5\text{mL}$

② 15kg, ordered = 1.1 g/12hrs (1100 mg), 25 - 27.5 mg/kg/12hr, 375 mg - 412.5 mg/kg/12hr ©

③ 16kg, ordered = 640mg q 8hrs, on hand = 640mg in NS 25mL

40 mg/kg q 8hrs

$16\text{kg} \cdot \frac{40\text{mg}}{\text{kg}} = 640\text{mg}$

$\frac{640\text{mg}}{25\text{mL}} = 25.6\text{ mg/mL}$ (A)

④ $50 \times 2 = 100\text{ mL}$ (C)