

แบบฝึกหัดที่ 1.1	เรื่อง คณิตศาสตร์พื้นฐาน 1.1	
รหัส 30104-2002	วิชา วงจรไฟฟ้า	
ชื่อ-สกุล	ชั้น	เลขที่

จงเติมค่าในช่องว่างให้ถูกต้อง

$$\begin{aligned}
 1. \quad (2.5 \times 10^{-11}) - (7.5 \times 10^{-12}) &= (2.5 \times 10^{\boxed{}}) - (\boxed{} \times 10^{\boxed{}}) \\
 &= (\boxed{} \boxed{} \boxed{}) \boxed{} \boxed{}^{\boxed{}} \\
 &= \boxed{} \times 10^{-11} \quad \text{Ans.}
 \end{aligned}$$

$$\begin{aligned}
 2. \quad (2.5 \times 10^{-11}) - (7.5 \times 10^{-12}) &= (\boxed{} \times 10^{\boxed{}}) - (\boxed{} \times 10^{-12}) \\
 &= (\boxed{} \boxed{} \boxed{}) \boxed{} \boxed{}^{\boxed{}} \\
 &= \boxed{} \times 10^{-12} \quad \text{Ans.}
 \end{aligned}$$

$$\begin{aligned}
 3. \quad \frac{(300)^2(100)}{3 \times 10^4} &= \frac{(3 \times \boxed{}^{\boxed{}})^2 \times (1 \times \boxed{}^{\boxed{}})}{3 \boxed{} \boxed{}^{\boxed{}}} \\
 &= \frac{(3^{\boxed{}} \boxed{} \boxed{}^{\boxed{}}) \boxed{} (1 \times \boxed{}^{\boxed{}})}{3 \boxed{} \boxed{}^{\boxed{}}} \\
 &= \frac{(\boxed{} \boxed{} \boxed{}^{\boxed{}}) \boxed{} (\boxed{} \boxed{} \boxed{}^{\boxed{}})}{\boxed{} \boxed{} \boxed{}^{\boxed{}}} \\
 &= \frac{(\boxed{} \boxed{} \boxed{}) \times \boxed{}^{\boxed{}}}{\boxed{} \boxed{} \boxed{}^{\boxed{}}} \\
 &= \frac{\boxed{} \boxed{} \boxed{}^{\boxed{}}}{\boxed{} \boxed{} \boxed{}^{\boxed{}}} \\
 &= \frac{\boxed{}}{\boxed{}} \times \boxed{}^{\boxed{}} \\
 &= \boxed{} \boxed{} \boxed{}^{\boxed{}} \quad \text{Ans.}
 \end{aligned}$$

$$\begin{aligned}
 4. \quad \frac{(4.4 \times 10^{-2}) - (4)}{(5.5 \times 10^1) + (1.7 \times 10^{-1})} &= \frac{(\boxed{} \boxed{} \boxed{} \boxed{}) - (\boxed{} \boxed{} 10^{-2})}{\boxed{} \boxed{} \boxed{} + \boxed{} 10^1} \\
 &= \frac{(\boxed{} \boxed{} \boxed{}) \boxed{} 10^{-2}}{(\boxed{} \boxed{} \boxed{}) \boxed{} 10^1} \\
 &= \frac{\boxed{} \boxed{} \boxed{} \boxed{}}{\boxed{} \boxed{} \boxed{} \boxed{}} \\
 &= \boxed{} \boxed{} \boxed{} \boxed{} \boxed{} \boxed{} \boxed{} \boxed{} \\
 &= \boxed{} \boxed{} \boxed{} \boxed{} \quad \text{Ans.}
 \end{aligned}$$