

$$V_0 = 1.5 \text{ Volts}$$

Parallel :

1) 5pF	$1.4 \pm 0.2 \text{ divs}$	=	$0.7 \pm 0.1 \text{ V}$
6pF	$1.6 \pm 0.2 \text{ divs}$	=	$0.8 \pm 0.1 \text{ V}$
5pF	$1.2 \pm 0.2 \text{ divs}$	=	$0.6 \pm 0.1 \text{ V}$
7pF	$1.7 \pm 0.2 \text{ divs}$	=	$0.85 \pm 0.1 \text{ V}$
8pF	$1.9 \pm 0.2 \text{ divs}$	=	$0.95 \pm 0.1 \text{ V}$
3pF	$1.0 \pm 0.2 \text{ divs}$	=	$0.5 \pm 0.1 \text{ V}$

Series :

$V_1$ )	$1.3 \pm 0.2 \text{ divs}$	=	<del>0.65</del> $0.65 \pm 0.1 \text{ V}$
	$1.3 \pm 0.2 \text{ divs}$	=	$0.65 \pm 0.1 \text{ V}$
	$1.3 \pm 0.2 \text{ divs}$	=	$0.65 \pm 0.1 \text{ V}$

$V_2$ )

Voltage

$1.8 \pm 0.2 \text{ divs}$	=	$0.9 \pm 0.1 \text{ V}$
$1.8 \pm 0.2 \text{ divs}$	=	$0.9 \pm 0.1 \text{ V}$
$1.8 \pm 0.2 \text{ divs}$	=	$0.9 \pm 0.1 \text{ V}$

$$V = V_0 \left( \frac{C_1}{C_1 + C_2} \right)$$

$$C_1 = \frac{C_2 V_0}{V_0 - V}$$

$$5) \quad V_1 = \frac{V_0 \times (1)}{C_1 + C_2}$$

$$V_2 = \frac{V_0 \times (2)}{C_1 + C_2}$$