

Chapter 6, Solution 14.

20 pF is in series with 60pF = $20 \times 60 / 80 = 15$ pF

30-pF is in series with 70pF = $30 \times 70 / 100 = 21$ pF

15pF is in parallel with 21pF = $15 + 21 = \mathbf{36 \text{ pF}}$