

Chapter 9, Solution 68.

$$\mathbf{Y}_{\text{eq}} = \frac{1}{5 - j2} + \frac{1}{3 + j} + \frac{1}{-j4}$$

$$\mathbf{Y}_{\text{eq}} = (0.1724 + j0.069) + (0.3 - j0.1) + (j0.25)$$

$$\mathbf{Y}_{\text{eq}} = \mathbf{(472.4 + j219) \text{ mS}}$$