$$20V = 150 \Omega$$

$$150 \Omega$$

$$200 \Omega$$

$$V_{Th}:$$

$$100 \Omega$$

$$150 \Omega$$

$$V_{Th}:$$

$$100 \Omega$$

$$V_{Th} = \frac{150}{250} \times 20 = 12V$$

$$R_{Th}:$$

$$S. c.$$

$$100 \Omega$$

$$V_{Th} = \frac{100 \times 150}{250} = 60\Omega$$