

$$V_s = \frac{R_2}{R_1 + R_2} \times V$$

Question 1:

$$\begin{aligned} R_1 &= 1K \\ R_2 &= 1K \\ V &= 10V \end{aligned}$$

$V_s =$ _____

Question 2:

$$\begin{aligned} R_1 &= 10K \\ R_2 &= 10K \\ V &= 10V \end{aligned}$$

$V_s =$ _____

Question 3:

$$\begin{aligned} R_1 &= 1K \\ R_2 &= 2K \\ V &= 10V \end{aligned}$$

$V_s =$ _____

Question 4:

$$\begin{aligned} R_1 &= 2K \\ R_2 &= 1K \\ V &= 10V \end{aligned}$$

$V_s =$ _____

Question 5:

$$\begin{aligned} R_1 &= 22K \\ R_2 &= 47K \\ V &= 10V \end{aligned}$$

$V_s =$ _____

Question 6:

$$\begin{aligned} R_1 &= 47K \\ R_2 &= 22K \\ V &= 10V \end{aligned}$$

$V_s =$ _____

$$V_s = \frac{R_2}{R_1 + R_2} \times V$$

Question 7:

R1 = 100R
R2 = 300R
V = 10V

Vs = _____

Question 8:

R1 = 300R
R2 = 100R
V = 10V

Vs = _____

Question 9:

R1 = 1K
R2 = 3K
V = 10V

Vs = _____

Question 10:

R1 = 10K
R2 = 30K
V = 10V

Vs = _____

Question 11:

R1 = 10R
R2 = 100R
V = 10V

Vs = _____

Question 12:

R1 = 10K
R2 = 100K
V = 10V

Vs = _____

$$V_s = \frac{R_2}{R_1 + R_2} \times V$$

Question 13:

R1 = 22K
 R2 = 47K
 V = 6V

Vs = _____

Question 14:

R1 = 47K
 R2 = 22K
 V = 6V

Vs = _____

Question 15:

R1 = 33K
 R2 = 33K
 V = 12V

Vs = _____

Question 16:

R1 = 33K
 R2 = 33K
 V = 24V

Vs = _____

Question 17:

R1 = 100K
 R2 = 2K
 V = 12V

Vs = _____

Question 18:

R1 = 100K
 R2 = 50K
 V = 12V

Vs = _____

