



- 9. Kirchhoff's First Law states that:
 - a) Current is the same across all resistors

 The sum of currents entering a
 c) junction equals the sum of currents leaving the junction

 Currents leaving the junction

 currents leaving the junction

The total voltage in a closed circuit is

- 10. Which statement about the movement of charge is correct?
 - Negative charges move naturally along the electric field

 Positive charges naturally move in the direction of the electric field

 Positive charges naturally move in the direction of the electric field

 Work is never required to move charges
- 11. Find the total resistance in a parallel circuit if R1 = 8 Ω and R2 = 24 Ω .
- 12. Find the total resistance in a simple circuit if R1= 27 Ω and R2= 36 Ω .

 A 60 hm or 6 Ω 63 Ohm or 63 Ω