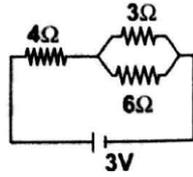


8. The potential drop across the 3Ω resistor is _____.

- (A) 1 V
- (B) 1.5 V
- (C) 2 V
- (D) 3 V
- (E) None of these



9. When a plane mirror is placed horizontally on level ground at a distance of 60 metre from the foot of a tower, the top of the tower and its image in the mirror subtend at the eye, an angle of 90° . The height of the tower is _____.

- (A) 30 metres
- (B) 60 metres
- (C) 90 metres
- (D) 120 metres
- (E) None of these

10. The image of a distant object is obtained on a screen by using a concave mirror. The focal length of the mirror can be determined by measuring the distance between _____.

- (A) The object and the mirror
- (B) The object and the screen
- (C) The mirror and the screen
- (D) The mirror and the screen as well as that between the object and the screen
- (E) None of these