1. The sides of a rectangle are 45 m and 80 m. Find the perimeter of a square whose area equals the rectangle’s area.  
   (A) 250 m  
   (B) 260 m  
   (C) 270 m  
   (D) 280 m
2. A rectangular plot measures 27 m by 75 m. The plot is reshaped into a square without changing area. The side of the square is  
   (A) 40.5 m  
   (B) 42.5 m  
   (C) 45 m  
   (D) 48 m
3. The area of a rectangle is 12,544 m² and its sides are in the ratio 11:8. The rectangle is converted into a square of equal area. Find the perimeter of the square.  
   (A) 448 m  
   (B) 452 m  
   (C) 456 m  
   (D) 460 m
4. A rectangular garden 32 m by 98 m is redesigned as a square with the same area. Find the difference between the perimeters of the rectangle and the square.  
   (A) 10 m  
   (B) 12 m  
   (C) 14 m  
   (D) 16 m
5. A rectangle has diagonal 50 m and one side 30 m. A square of equal area is formed. Find the perimeter of the square.  
   (A) 160 m  
   (B) 168 m  
   (C) 172 m  
   (D) 176 m
6. A rectangle of sides (x + 9) m and (x − 3) m has the same area as a square of side (2x − 5) m. Find the perimeter of the square.  
   (A) 8x − 20 m  
   (B) 6x − 10 m  
   (C) 10x − 25 m  
   (D) 12x − 30 m
7. A rectangle has perimeter 260 m and its sides are in the ratio 4:9. A square of equal area is drawn. Find the side of the square.  
   (A) 55 m  
   (B) 56 m  
   (C) 57 m  
   (D) 58 m
8. The length of a rectangle exceeds its breadth by 24 m, and its area equals that of a square whose perimeter is 224 m. Find the breadth of the rectangle.  
   (A) 28 m  
   (B) 32 m  
   (C) 36 m  
   (D) 40 m
9. A rectangular hall has an area of 6,912 m² and its length exceeds its breadth by 48 m. If a square hall of equal area is to be built, what is its perimeter?  
   (A) 320 m  
   (B) 332 m  
   (C) 344 m  
   (D) 352 m
10. A rectangle has area numerically equal to its perimeter in metres, and its sides are integers with length ≥ breadth. A square of equal area is constructed. Which could be the perimeter of the square?  
    (A) 64 m  
    (B) 68 m  
    (C) 72 m  
    (D) 76 m