1) Find the perimeter of the square

\[ 19 \text{ cm} \]

2) Find the perimeter of the rectangle

\[ 20 \text{ cm} \]
\[ 24 \text{ cm} \]

3) A regular hexagon has sides of length 5 cm. Find its perimeter.
4) The tile pattern below is made from 2 regular hexagons. The total distance around the edge of one regular hexagon is 18 cm. Calculate the perimeter of the pattern.

![Hexagon Pattern]

5) Match each perimeter formula with the correct shape

1. \( P = 4s \)  
   A. Triangle

2. \( P = 2l + 2w \)  
   B. Rectangle

3. \( P = a + b + c \)  
   C. Circle

4. \( C = 2\pi r \)  
   D. Square

6) Find the missing length of the square, given that its perimeter is 40 cm

![Square]

7) A square has a perimeter of 80 cm. Find the length of a side of the square.
8) A rectangle has a perimeter of 78 cm and a length of 21 cm. Find its width. [1]

9) Find the perimeter of the shape below. [1]

10) Find the perimeter of the shape below. [1]

11) The tile pattern below is made from 3 regular octagons. The edge of one regular octagon is 7 cm. Calculate the perimeter of the pattern. [1]
12) The tile pattern below is made from 2 squares. The total perimeter of the pattern is 72 cm. Calculate the length of an edge of the square.
Solutions for the assessment Perimeter of 2D shapes

1) Perimeter = 76 cm  
2) Perimeter = 88 cm

3) Perimeter = 30 cm  
4) Perimeter = 33 cm

5) 1 D, 2 B, 3 A, 4 C  
6) $x = 10$ cm

7) Length = 20 cm  
8) Width = 18 cm

9) Perimeter = 48 cm  
10) Perimeter = 40 cm

11) Perimeter = 140 cm  
12) One edge = 4 cm