TRAPEZIUM AREA (UK) SHEET 1

Find the area of these trapeziums by splitting them up into rectangles and triangles. They are not drawn to scale.

Example

Area = area of rectangle + area of triangle
Area = \(6 \times 3 + \frac{1}{2} \times 2 \times 3 = 18 + 3 = 21\text{cm}^2\)

1) Area = _______ cm²
2) Area = _______ cm²
3) Area = _______ cm²
4) Area = _______ cm²

Handy hint:

The formula for the area of a trapezium is

\[
\frac{1}{2} \times (\text{length}_1 + \text{length}_2) \times \text{height}
\]
TRAPEZIUM AREA (UK) SHEET 1 ANSWERS

1)  
\[ \text{Area} = 35 \text{cm}^2 \]

2)  
\[ \text{Area} = 30 \text{cm}^2 \]

3)  
\[ \text{Area} = 35 \text{cm}^2 \]

4)  
\[ \text{Area} = 32 \text{ cm}^2 \]