Perimeter and Area

Knowledge Organiser



Length and Perimeter Knowledge Organiser Area of Rectangles Area of Compound Shapes Area of Irregular Shapes The area of a rectangle on a grid: To find the area of a compound shape, To find the area of an irregular shape, divide the shape into rectangles with find the number of whole squares and known dimensions: part squares. 7cm Multiply the length × width = 6 × 3 = 18 squares. 5cm Whole squares = 10The area of a rectangle = length (l) \times Part squares = 22 width (w). Estimate of area = whole squares + 5cm 4cm half part squares W $= 10 \text{cm}^2 + 11 \text{cm}^2 = 21 \text{cm}^2$ Area = 7cm × 4cm + 5cm × 5cm $= 28 \text{cm}^2 + 25 \text{cm}^2$ *There are other ways to estimate the $= 53 \text{ cm}^2$ area of irregular shapes. twink

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