Area & Perimeter (Rectangles, Circles, Triangles, Kites, Parallelograms, Trapeziums & Composite Shapes)

Round all answers to one decimal place where appropriate for area and perimeter.

Task 1 – Find the area and perimeter (where possible) of each shape below.

Task 2 – Find the area and perimeter/circumference (where possible) of each shape below.

Task 3 – Find the area and perimeter/circumference (where possible) of each shape below.

Task 4 – Find the value of x and y in each of the shapes below.

Task 5 – Wordy Questions

(1) Fred has a rectangular field with side lengths 12.5m and 16.7m. He wants to grass the field. Grass seed costs £4.75 a box and can cover 5m² of land. Find the cost of grassing the field.

(2) Polly has a kite measuring 1.5m high and 75cm wide. She needs material to make it. Given that material costs £1.89 for a square meter find the cost of making her kite to the nearest penny. You can assume there is no wastage.

(3) Pete has a circular piece of wood. It has a diameter of 8m. He wants to paint the surface of the wood. Given that paint costs £7.89 a tin and each tin covers 4m², find the cost of painting the wood.