



Name \_\_\_\_\_

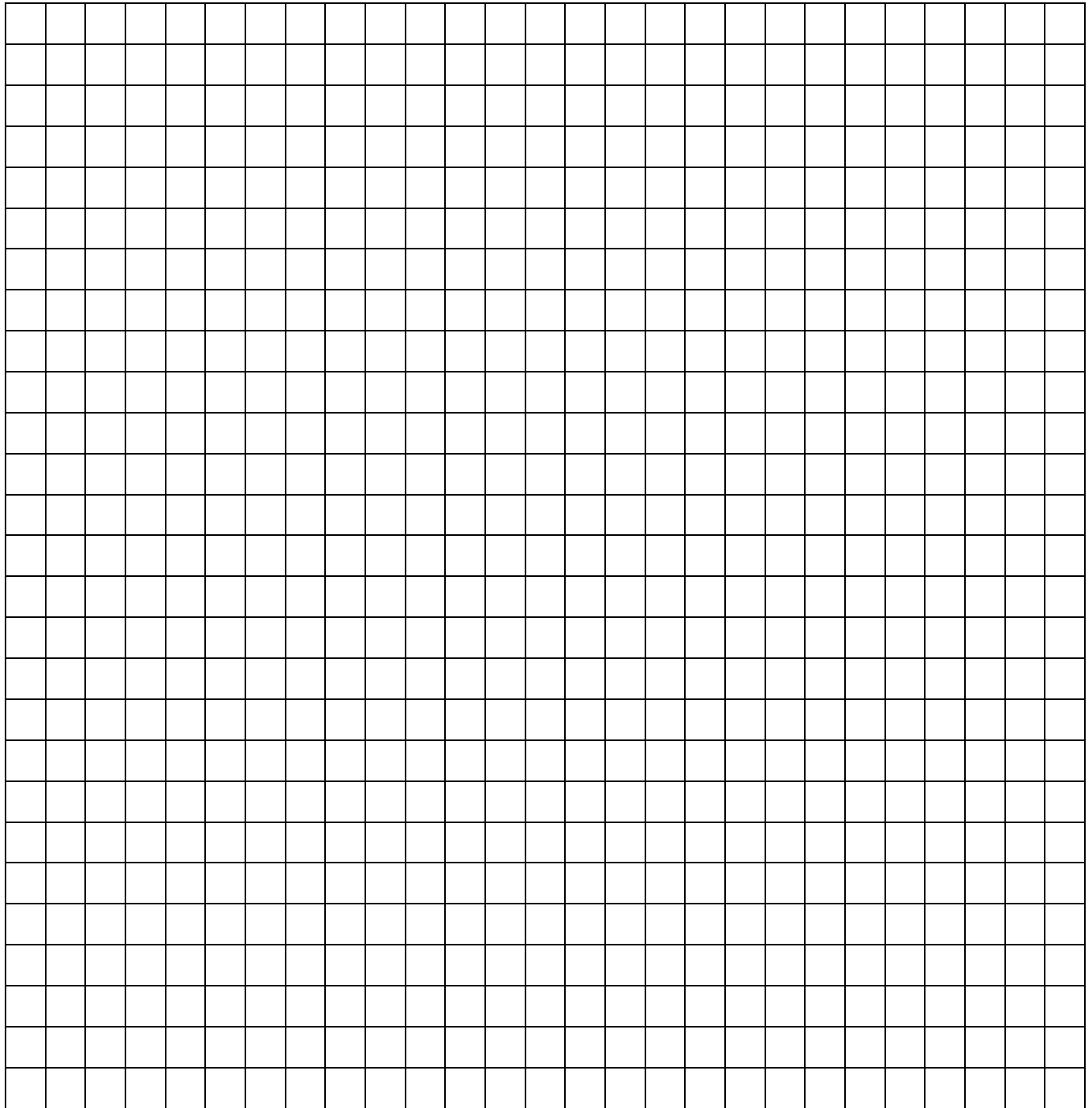
Date \_\_\_\_\_

2. Draw 2 different rectangles / squares with each perimeter – the rectangle with the least area and the rectangle with the greatest area.

Find the area of each rectangle.

a) 16 cm perimeter

b) 26 cm perimeter

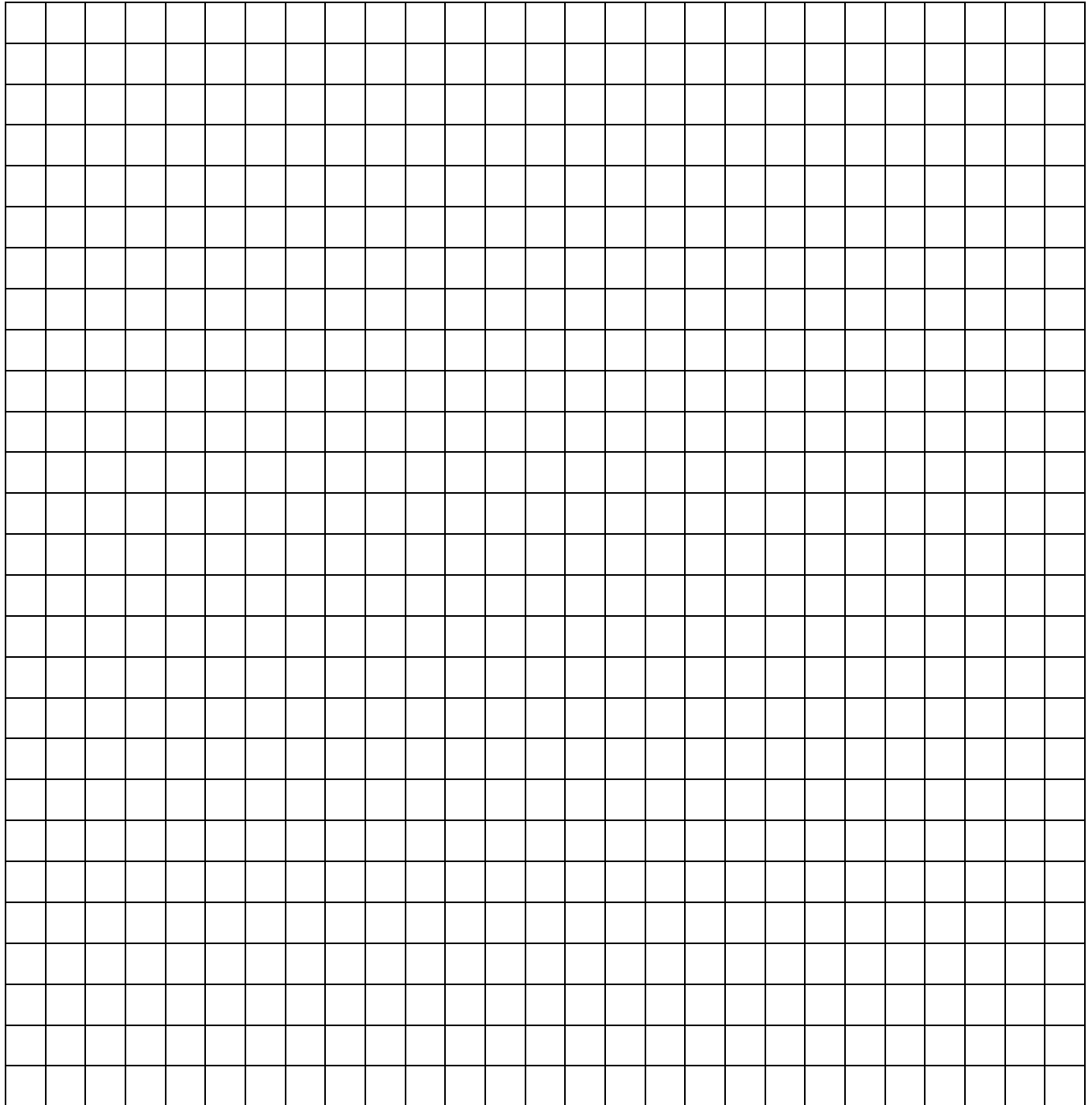




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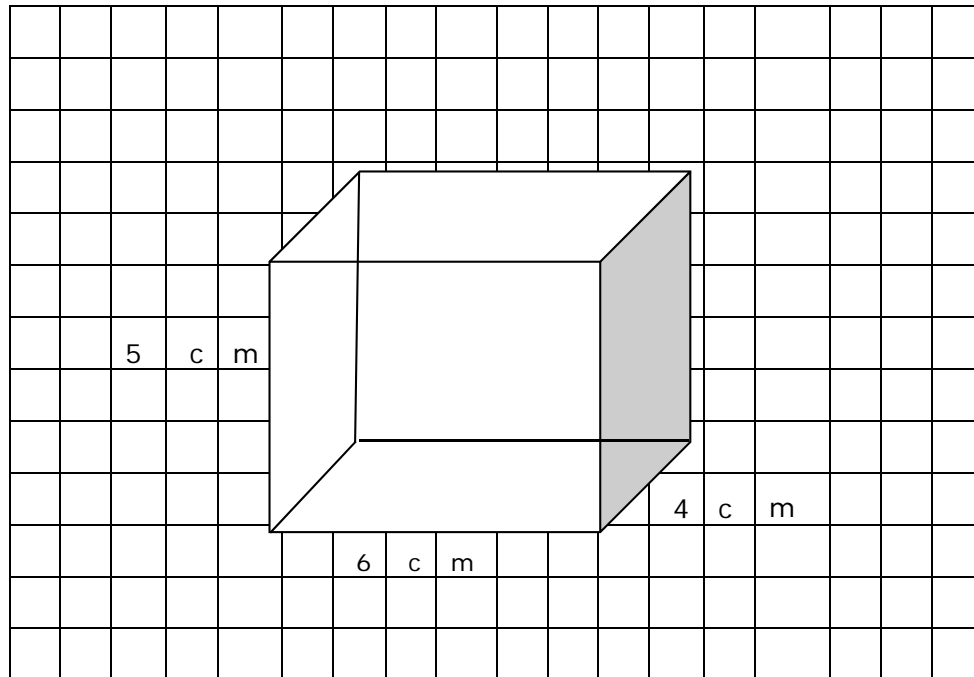
4. Mr. Big Cheese has 36 m of fencing to put around his garden.
- a) List / Draw all the possible lengths and widths of Mr. Big Cheese's garden.
  - b) Which dimensions will Mr. Big Cheese choose if he wants the garden with the greatest possible area? The least possible area?



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5. If a rectangular prism has a length of 6 cm a height of 5 cm and a width of 4 cm what is the perimeter of the prism and what is the total surface area of the prism?



\*Hint

Rectangular prisms have 6 faces:  
Top,  
Bottom,  
Side 1,  
Side 2  
Front and  
Back

**Math Work (show all calculations)**

Perimeter =

Surface Area =

Volume =