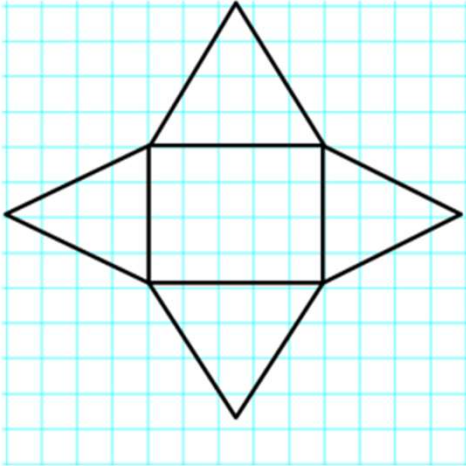
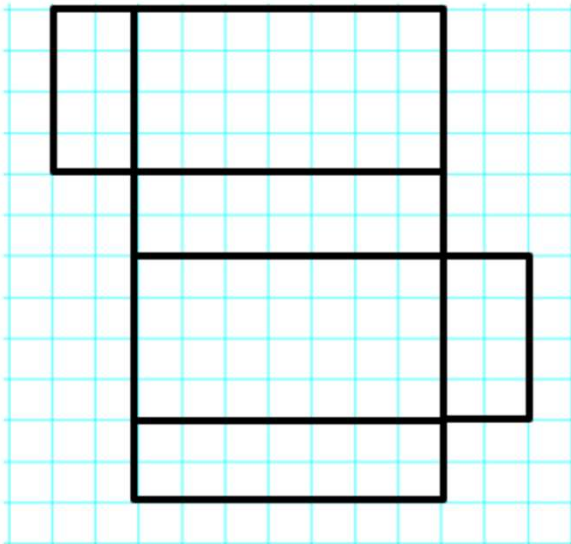


## Geometry Worksheets (Surface Area using Nets)

1. Name the shape, and then calculate the surface area of the figure. Assume each box on the grid paper represents a  $1 \text{ in.} \times 1 \text{ in.}$  square.

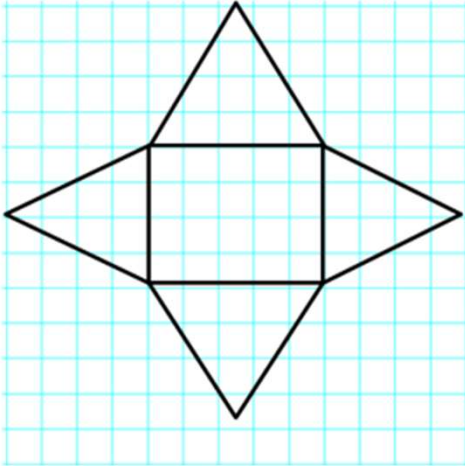


2. Name the shape, and write an expression for surface area. Calculate the surface area of the figure. Assume each box on the grid paper represents a  $1 \text{ ft.} \times 1 \text{ ft.}$  square.



## Geometry Worksheets (Surface Area using Nets)

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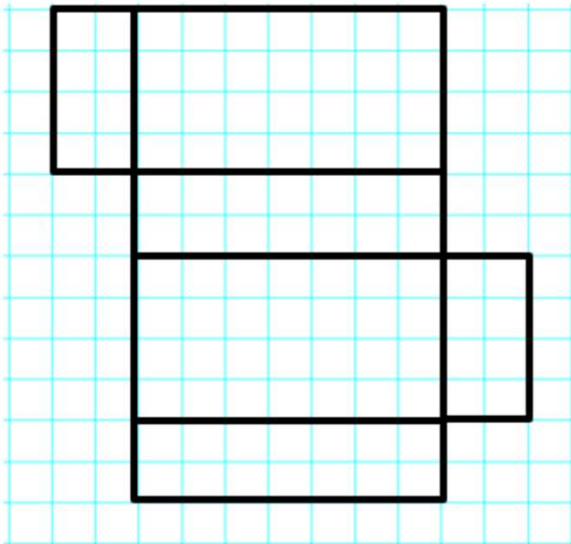
*Name of Shape: Rectangular Pyramid*

$$\text{Area of Base: } 5 \text{ in.} \times 4 \text{ in.} = 20 \text{ in}^2$$

$$\text{Area of Triangles: } \frac{1}{2} \times 4 \text{ in.} \times 4 \text{ in.} = 8 \text{ in}^2, \frac{1}{2} \times 5 \text{ in.} \times 4 \text{ in.} = 10 \text{ in}^2$$

$$\text{Surface Area: } 20 \text{ in}^2 + 8 \text{ in}^2 + 8 \text{ in}^2 + 10 \text{ in}^2 + 10 \text{ in}^2 = 56 \text{ in}^2$$

2. Name the shape, and write an expression for surface area. Calculate the surface area of the figure. Assume each box on the grid paper represents a 1 ft.  $\times$  1 ft. square.



*Name of Shape: Rectangular Prism*

$$\text{Surface Area: } (2 \text{ ft.} \times 4 \text{ ft.}) + (2 \text{ ft.} \times 4 \text{ ft.}) + (4 \text{ ft.} \times 7 \text{ ft.}) + (4 \text{ ft.} \times 7 \text{ ft.}) + (7 \text{ ft.} \times 2 \text{ ft.}) + (7 \text{ ft.} \times 2 \text{ ft.})$$

$$\text{Work: } 2(2 \text{ ft.} \times 4 \text{ ft.}) + 2(4 \text{ ft.} \times 7 \text{ ft.}) + 2(7 \text{ ft.} \times 2 \text{ ft.}) = 16 \text{ ft}^2 + 56 \text{ ft}^2 + 28 \text{ ft}^2 = 100 \text{ ft}^2$$