Kami

Shapes Tool

Discover how to insert a rectangle, ellipse, triangle and line.

Task 1: Rectangle

- Click on **Insert Rectangle**
- Click and drag to create one rectangle on the space below

- Select a new color
- Click and drag to create one rectangle

- Create a blue rectangle with a stroke thickness of 6

- Create a rectangle of any color
- Once created, click on the rectangle using the **Select tool**
- Fill the rectangle with the color pink

Task 2: Ellipse

- Click on **Insert Ellipse**
- Click and drag to create one ellipse
- Hold the shift key, click and drag to create a second ellipse

What did you notice when holding the shift key to create an ellipse?

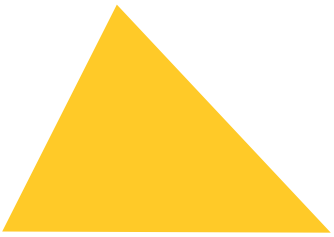
Task 3: Triangle

- Click on **Insert Triangle**
- Click and drag to create one triangle
- Hold the shift key, click and drag to create a second triangle

What did you notice when holding the shift key to create a triangle?

Task 4: Triangle angles

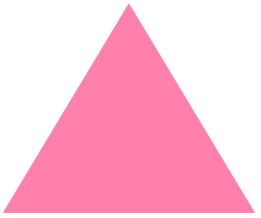
- Click on the **Select tool**
- Click in the center of each triangle below to see the angle measurements *(hint: Drag the triangle a little bit)*
- Fill in the angle measurements below



Angle 1:

Angle 2:

Angle 3:



Angle 1:

Angle 2:

Angle 3:

Angle 1:

Angle 2:

Angle 3:

Task 5: Line

- Click on **Shapes**.
- Change the stroke thickness to 8 and color to orange.
- Click on **Insert Line**.
- Click and drag to draw a line.
- Hold the shift key, click and drag to create a second line.

What did you notice when holding the shift key to create a line?

Task 6: Putting it all together

Design a dog house like the one below for the Kami Dog.
Use at least one rectangle, triangle, ellipse and line.

Equation Tool

Explore how to use the equation tool to insert various symbols.

Task 1: Find the name

- Hover over each symbol listed below in the **Equation tool**.
- List the name of the symbol in the table below.

Symbol	$\leq$	$\approx$		$\parallel$	$\angle$
Name					

Task 2: Equation match

- Recreate each equation below using the **Equation tool** and numbers
- Make your equation a different color and different font size

Hint - Use ***Search Symbols*** and search *exponent*

$12 \div 4 = 3$

$x^3 + 12 = 20$

$\frac{1}{2} + 2\left(x - \frac{2}{3}\right)$

$x = -b \pm \sqrt{b^2}$

$x = -b \pm \sqrt{b2 - 4ac}$

$x = -b \pm \frac{\sqrt{b^2 - 4ac}}{2a}$