

# Contracts

Contracts tell us how to use a function. e.g. `ellipse : Number, Number, String, String -> Image` tells us that the name of the function is `ellipse`, and that it takes four inputs (two Numbers and two Strings). From the contract, we know `(ellipse 100 50 "outline" "teal")` will evaluate to an `Image`.

Name	Domain	Range
<code>; flip-horizontal</code>	<code>:</code> Image	<code>-&gt;</code> Image
<code>(flip-horizontal(text "Bootstrap is fun!" 60 "darkblue"))</code>		
<code>; flip-vertical</code>	<code>:</code> Image	<code>-&gt;</code> Image
<code>(flip-vertical(triangle 80 "solid" "lightgreen"))</code>		
<code>; above</code>	<code>:</code> Image Image	<code>-&gt;</code> Image
<code>(above (triangle 30 "solid" "red")(square 30 "solid" "blue"))</code>		
<code>; beside</code>	<code>:</code> Image Image	<code>-&gt;</code> Image
<code>(beside (star 50 "solid" "orange")(circle 50 "solid" "green"))</code>		
<code>; &lt;</code>	<code>:</code> Number Number	<code>-&gt;</code> Boolean
<code>(&lt; 3 2)</code>		
<code>; &gt;</code>	<code>:</code> Number Number	<code>-&gt;</code> Boolean
<code>(&gt; 3 2)</code>		
<code>; =</code>	<code>:</code> Number Number	<code>-&gt;</code> Boolean
<code>(= 3 2)</code>		
<code>; &lt;=</code>	<code>:</code> Number Number	<code>-&gt;</code> Boolean
<code>(&lt;= 3 2)</code>		
<code>; &gt;=</code>	<code>:</code> Number Number	<code>-&gt;</code> Boolean
<code>(&gt;= 3 2)</code>		
<code>; or</code>	<code>:</code> Boolean Boolean	<code>-&gt;</code> Boolean
<code>(or (&lt;= 3 2) (&gt;= 3 2))</code>		