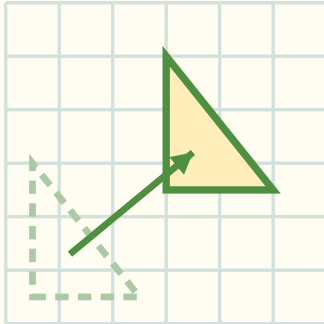
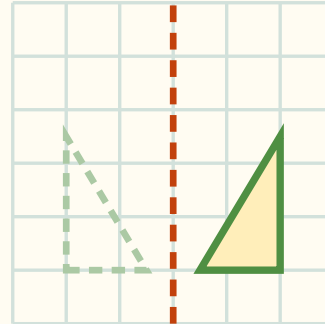


Transformations



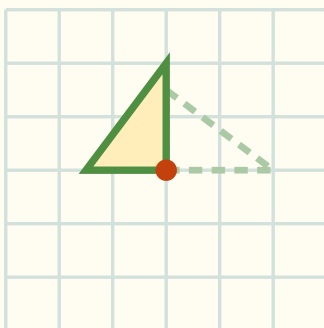
Translation

Slide — same size, same way up



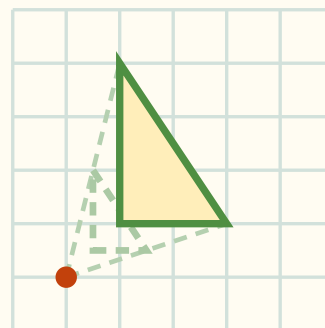
Reflection

Flip — a mirror image



Rotation

Turn — around a point



Dilation

Resize — same shape, new size

Three of the four keep the shape the same size — a slide, a flip and a turn only move it. A dilation is the one that changes the size while keeping the shape, which is where similar figures come from.