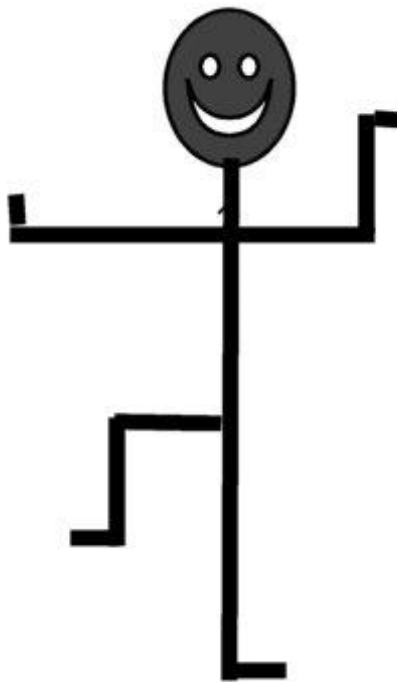


# Stick Man

This activity follows on from 'do what I do' and pointing. You have to imagine how a stick figure drawing of a person would look if it was flipped over or rotated.

## **Step 1. Stick man, flipped**

Your helper will draw a stick figure of a person like the one shown here.

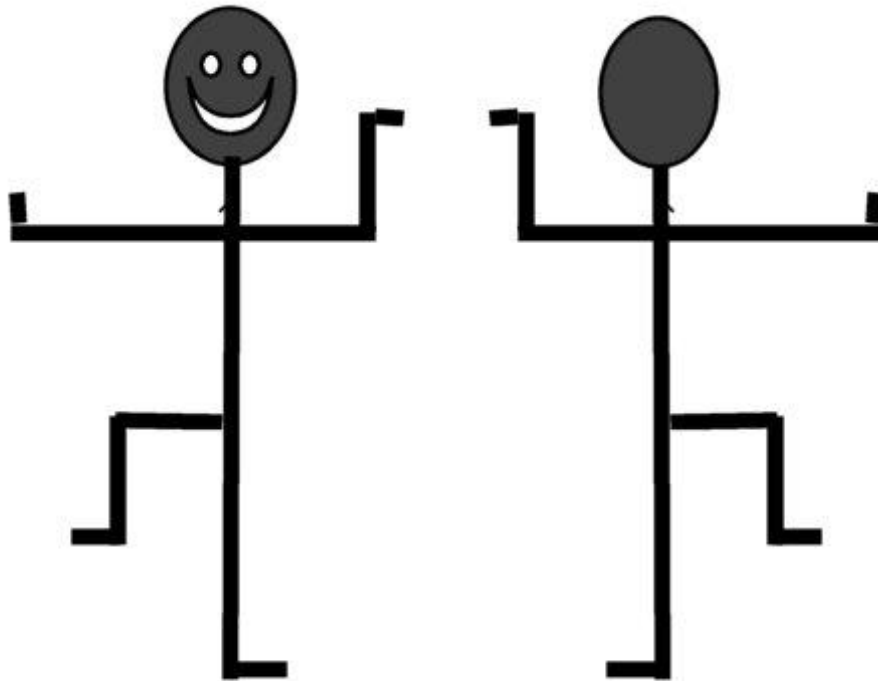


## **Flip the stick man over from front to back.**

Imagine this person is lying on the floor on their back with arms and legs in the same position as in the picture above. If they flipped over sideways onto their front while keeping arms and legs in the same position how would they look? Picture in your mind how the stick man would look flipped over side to side then draw how the stick man would look if he flipped over from his back onto his front.

Now your helper will flip over their Perspex sheet with stick man so you can check if you are correct.

The stick man would look like this:

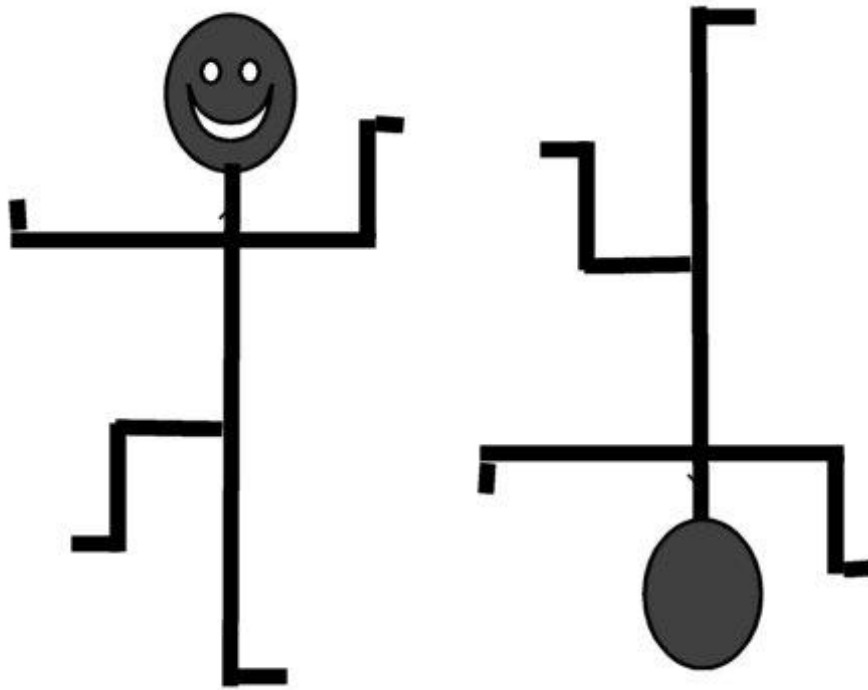


You will not see his face because he is now facing the floor, lying on his front.

**Flip the stick man top to bottom.**

Now imagine the stick man is flipped head to toe (top to bottom) so again he will be lying on his front but the head will now be at the bottom and feet at the top. Try to imagine how the stick man would look when flipped top to bottom then draw the stick man flipped top to bottom. Then your helper will flip their Perspex sheet with the stick man on it so you can see how he would look when he flipped head to toe.

The stick man would look like this:



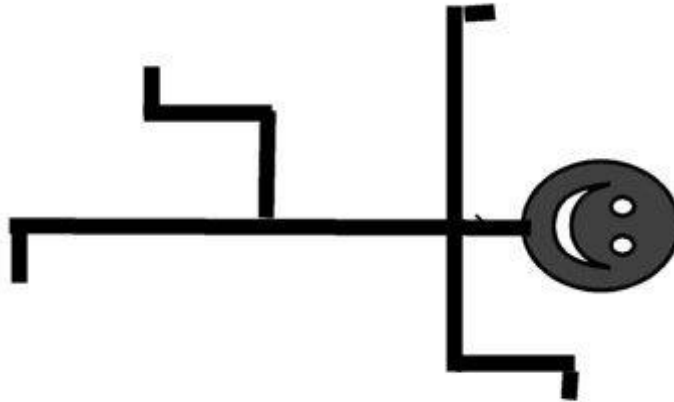
### **Step 2 - Stick man, rotated**

#### **Rotate the stick man 1/4 turn**

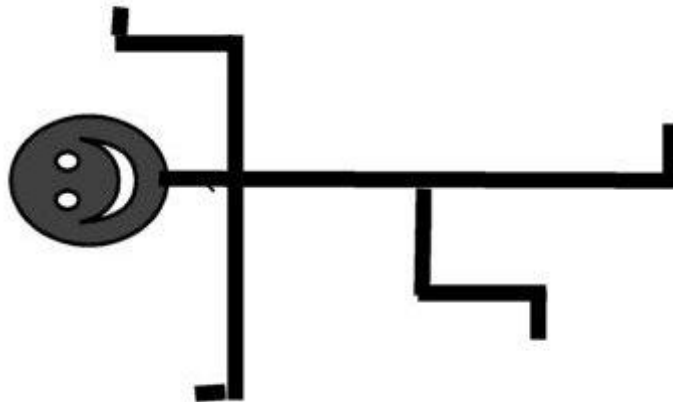
Now imagine how the stick man would look if he was turned by 1/4 turn clockwise – i.e. turned so that the head would be on the right and feet on the left. Try to imagine how he would look turned around by 1/4 turn clockwise then draw him in this position.

Your helper then turns their picture of the stick man a 1/4 turn clockwise so you can check if you are correct.

The stick man will now look like this:



Now rotate the stick man  $\frac{1}{4}$ -turn anti-clockwise so the head will be on the left and feet on the right. Imagine how he would look in this position and draw it, then check if you are correct. He will now look like this:



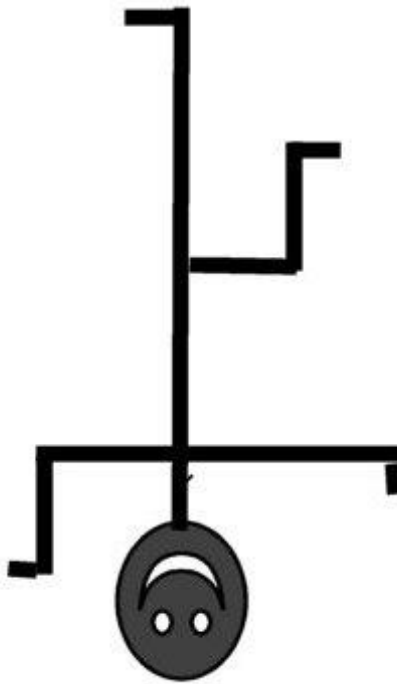
### **Rotate the stick man $\frac{1}{2}$ turn**

Now imagine how the stick man would look if he was turned by  $\frac{1}{2}$  turn – i.e. turned so that the head would be at the bottom and feet at the top. Try to imagine how he would look turned around by  $\frac{1}{2}$  turn then draw him in this position.

Your helper will then turn their picture of the stick man a  $\frac{1}{2}$  turn so you can check if you are correct.

## Visual Thinking 6

The stick man will now look like this:



Draw a different stick man and go through all the steps above.

**Your goal is to correctly show how the stick man would look when flipped or rotated.**