

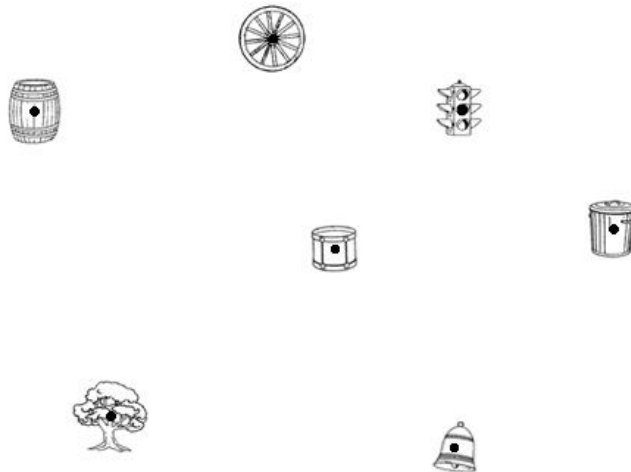
Spatial Orientation Test

This is a test of your ability to imagine different perspectives or orientations in space. In this task, you will see a picture of an array of objects with a statement below it, together with an "arrow circle". You will be asked to imagine that you are standing at one object in the array and facing another object. Your task is to draw a line showing the direction to a third object from this perspective. On each trial, you will be asked to imagine standing at a different first object, facing a different second object, and then to draw a line to a different third object.

You respond by drawing a line on the arrow circle. The center of the arrow circle represents your imagined location (at the first object) and the vertical arrow represents your imagined perspective (facing the second object). You need to draw the direction to a third object from this facing direction.

Look at the sample item below. In this example you are asked to imagine that you are standing at the bell facing the tree. Your task is to draw a line indicating the direction to the drum. In the sample item this line has been drawn for you. In the test items, your task is to draw this line on the arrow circle. Can you see that if you were at the bell facing the tree the drum would be in the direction shown by the dotted line? Please ask the experimenter now if you have any questions about what you are required to do.

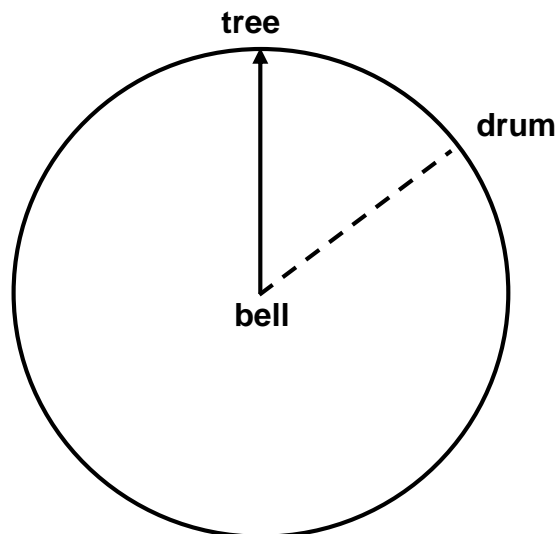
Array of Objects



Example:

Imagine you are standing at the **bell** and facing the **tree**. Point to the **drum**.

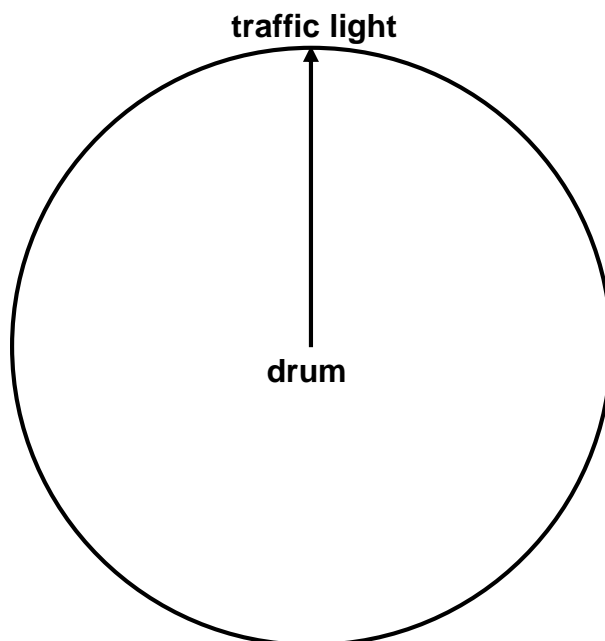
Arrow Circle



Now you will do a practice trial. Draw a line to indicate your answer. Please do not pick up or turn the test booklet, and do not make any marks on the array of objects. Once you have drawn your answer the experimenter will give you a transparency in which the correct answer is drawn in red. Place the transparency over your answer and compare your answer to the correct answer.



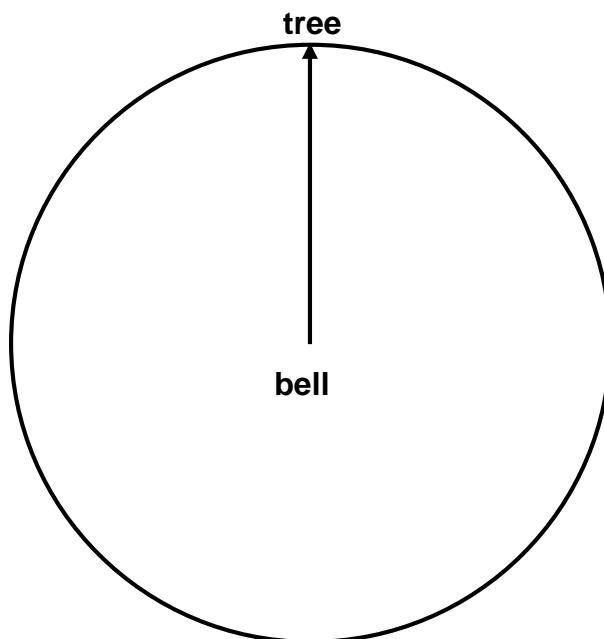
Imagine you are standing at the **drum** and facing the **traffic light**. Point to the **wheel**.



Now you will do a practice trial. Draw a line to indicate your answer. Please do not pick up or turn the test booklet, and do not make any marks on the array of objects. Once you have drawn your answer the experimenter will give you a transparency in which the correct answer is drawn in red. Place the transparency over your answer and compare your answer to the correct answer.



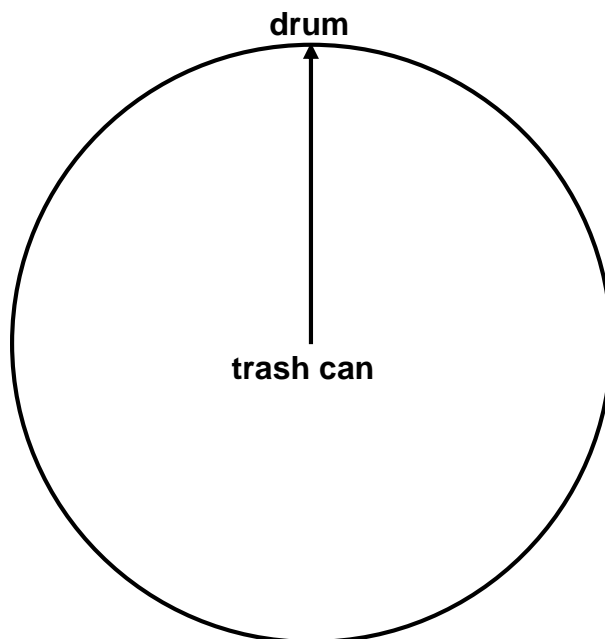
Imagine you are standing at the **bell** and facing the **tree**. Point to the **barrel**.



Now you will do a practice trial. Draw a line to indicate your answer. Please do not pick up or turn the test booklet, and do not make any marks on the array of objects. Once you have drawn your answer the experimenter will give you a transparency in which the correct answer is drawn in red. Place the transparency over your answer and compare your answer to the correct answer.



Imagine you are standing at the **trash can** and facing the **drum**. Point to the **bell**.



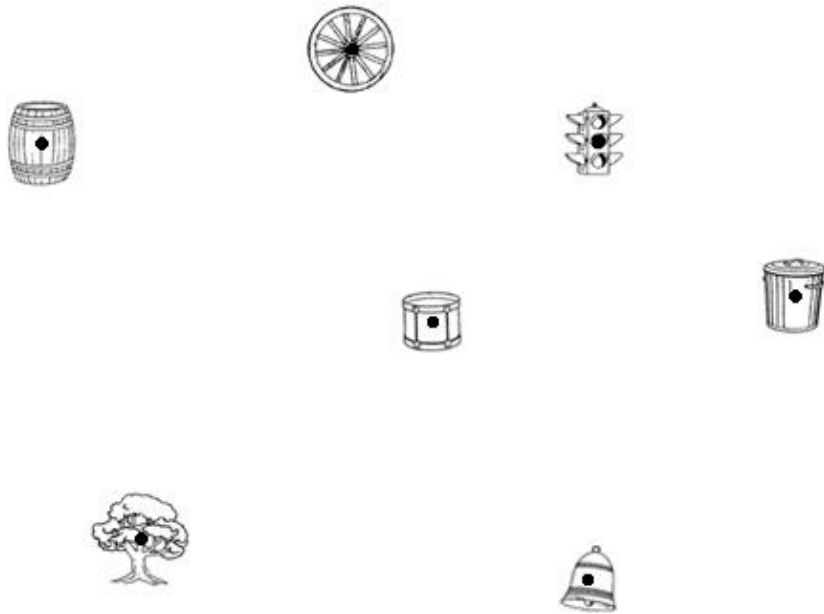
Now you will do the test. There are 12 items in this test. You will have 5 minutes to complete these items.

Please try to respond accurately, but do not spend too much time on any one item.

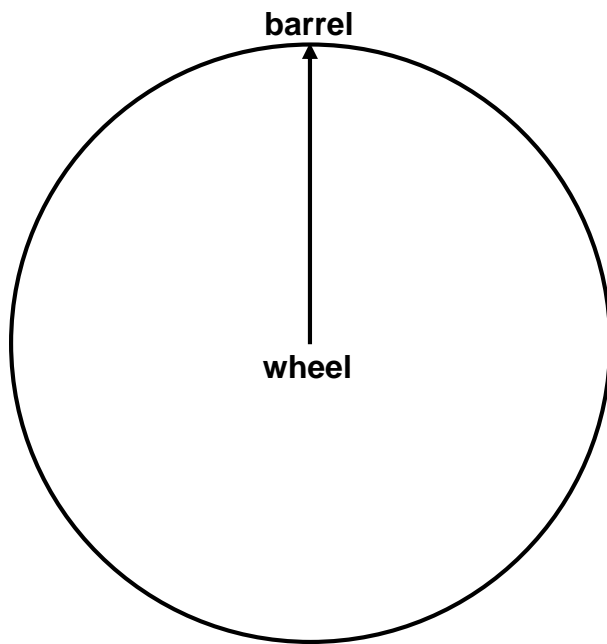
Please do not pick up or turn the test booklet, and do not make any marks on the array of objects.

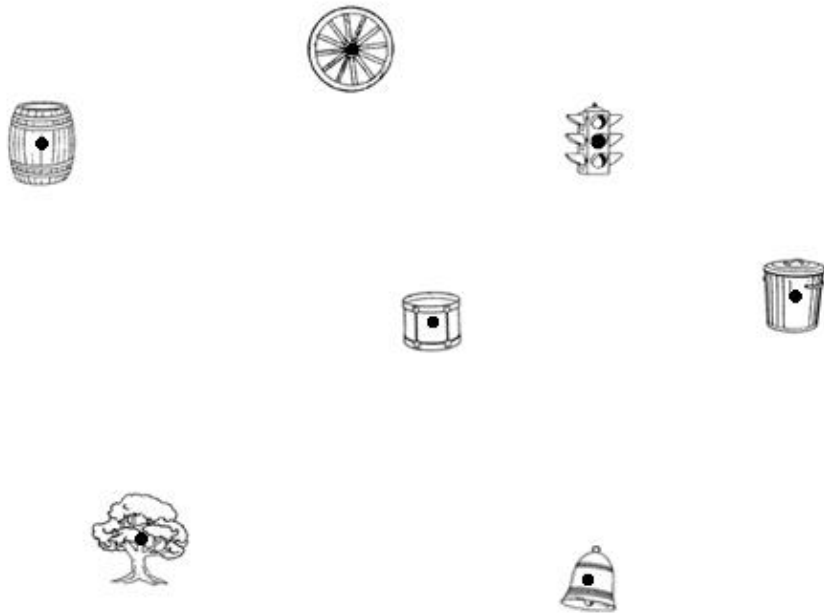
Ask the experimenter if you have any final questions about this task.

When you are ready to start, please let the experimenter know.

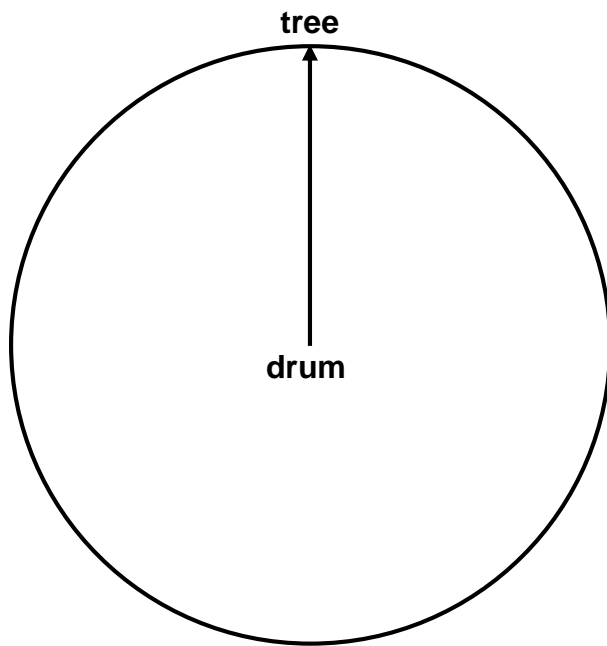


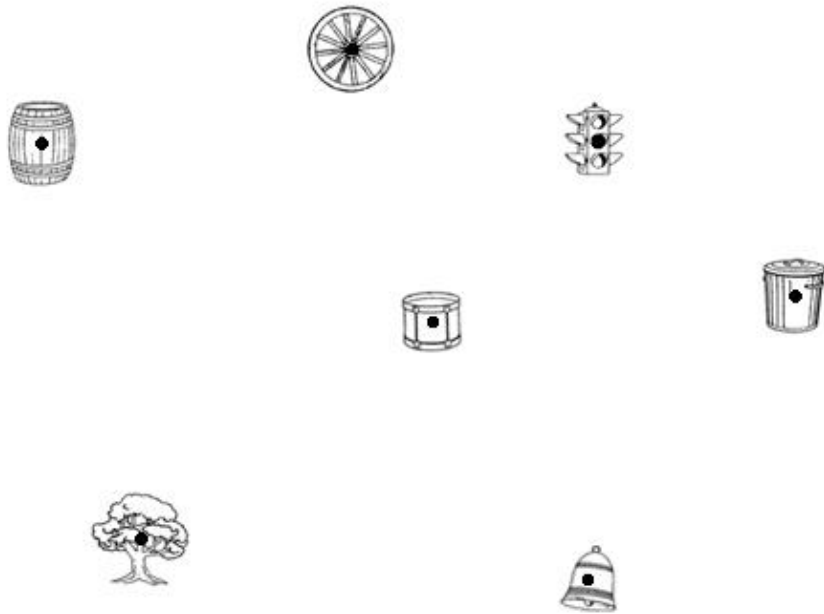
Imagine you are standing at the **wheel** and facing the **barrel**. Point to the **traffic light**.



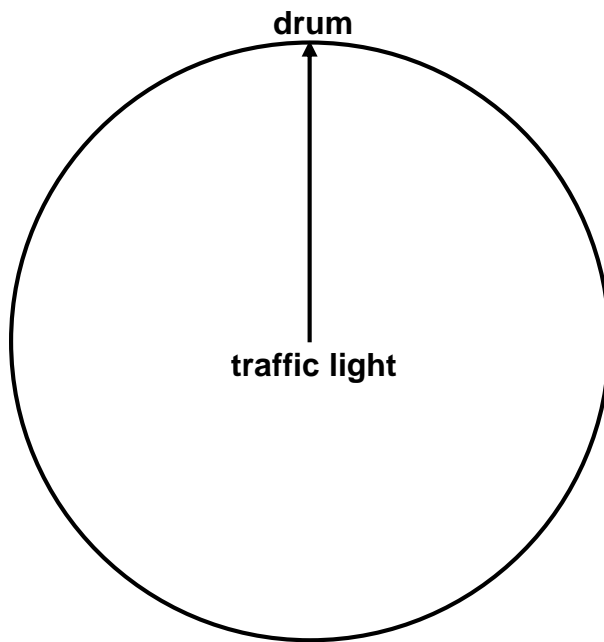


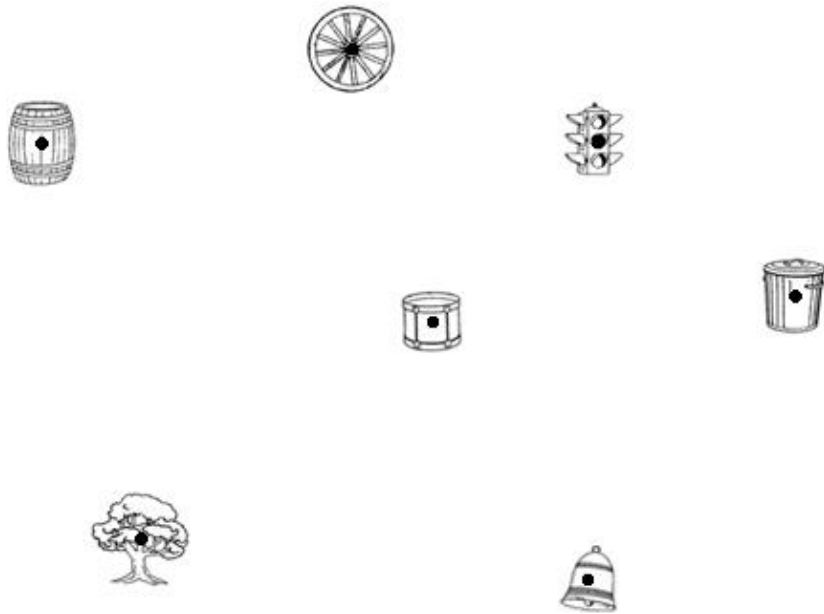
Imagine you are standing at the **drum** and facing the **tree**. Point to the **wheel**.



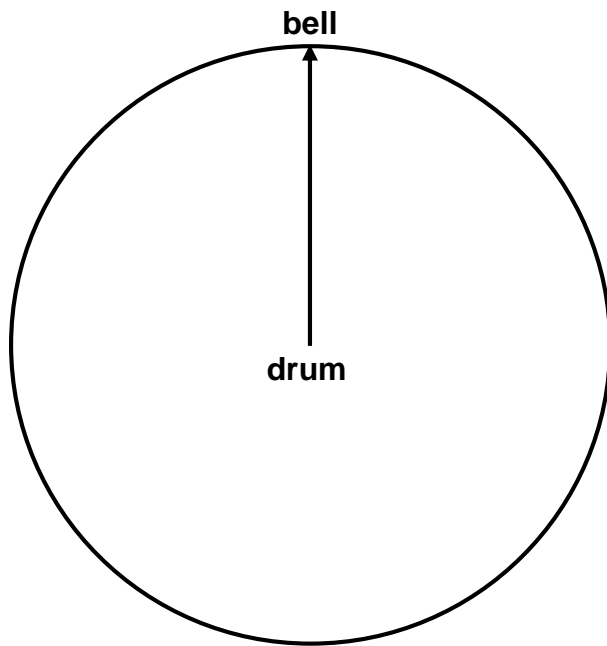


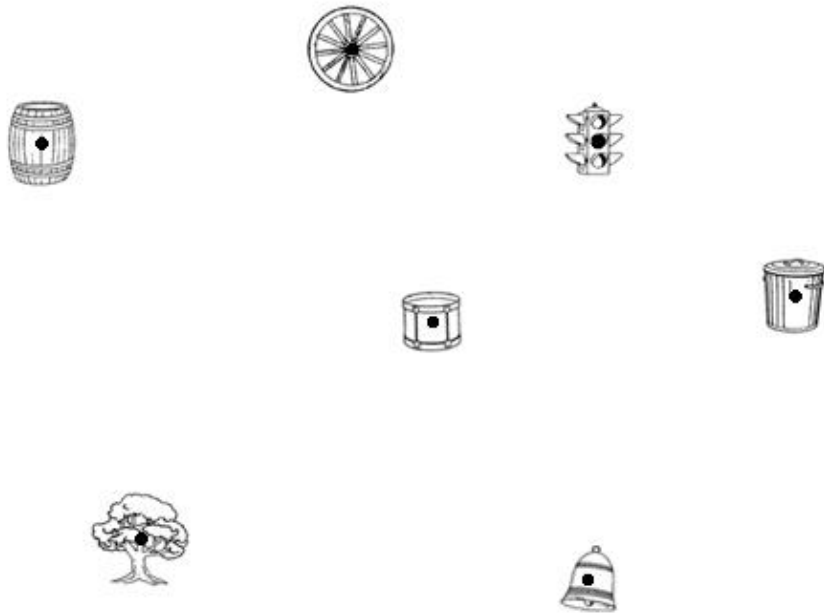
Imagine you are standing at the **traffic light** and facing the **drum**. Point to the **trash can**.



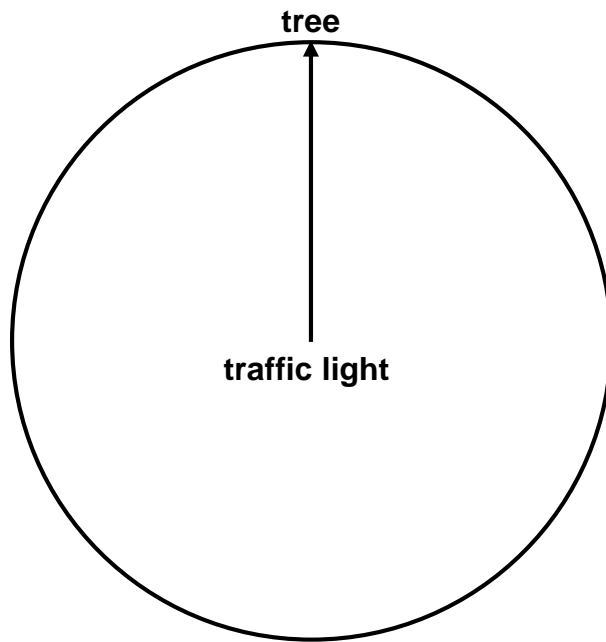


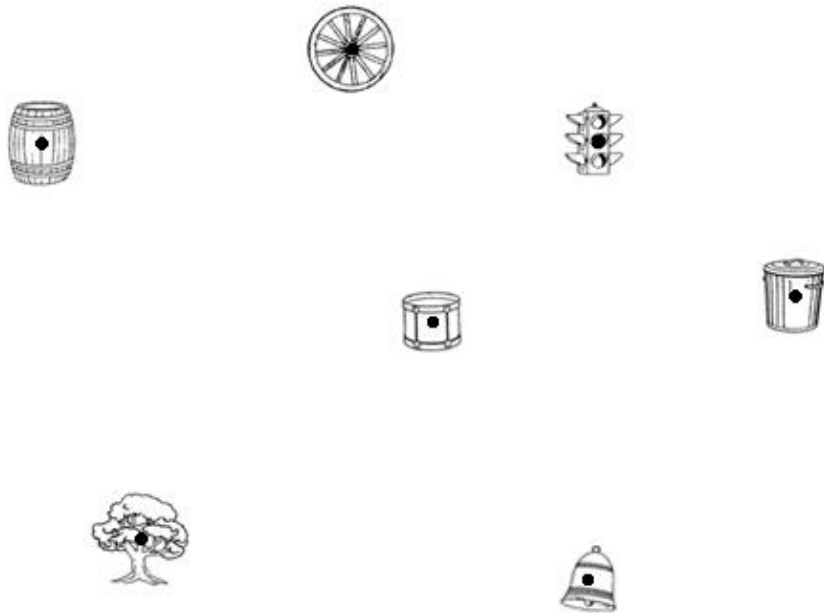
Imagine you are standing at the **drum** and facing the **bell**. Point to the **wheel**.



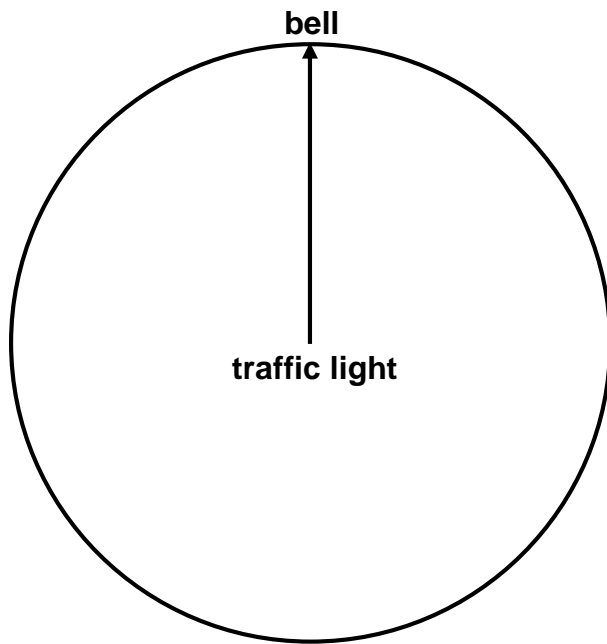


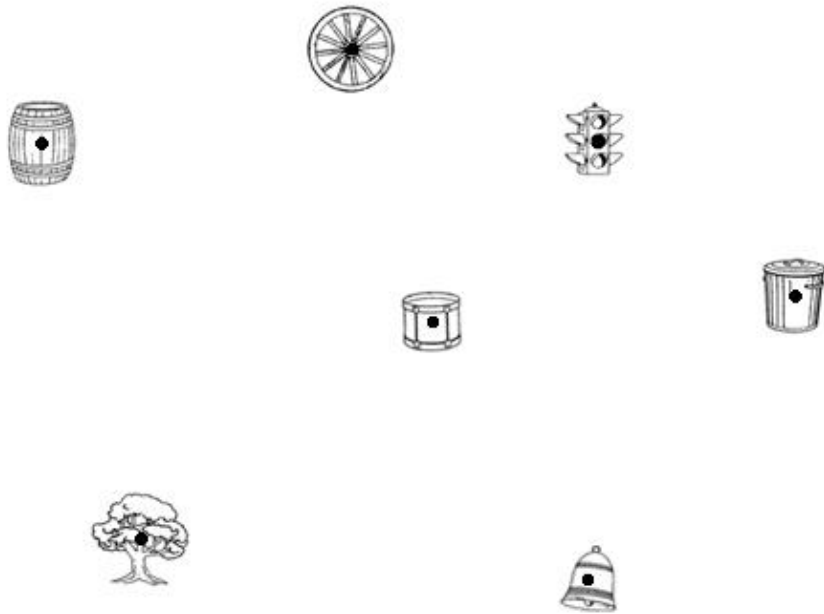
Imagine you are standing at the **traffic light** and facing the **tree**. Point to the **barrel**.



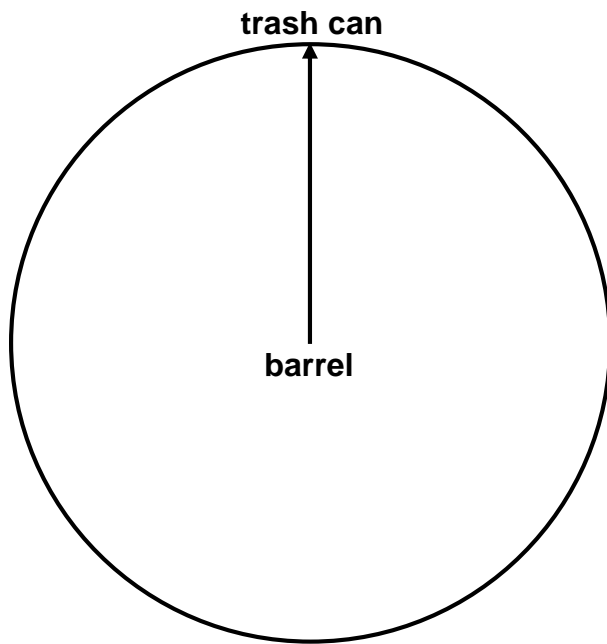


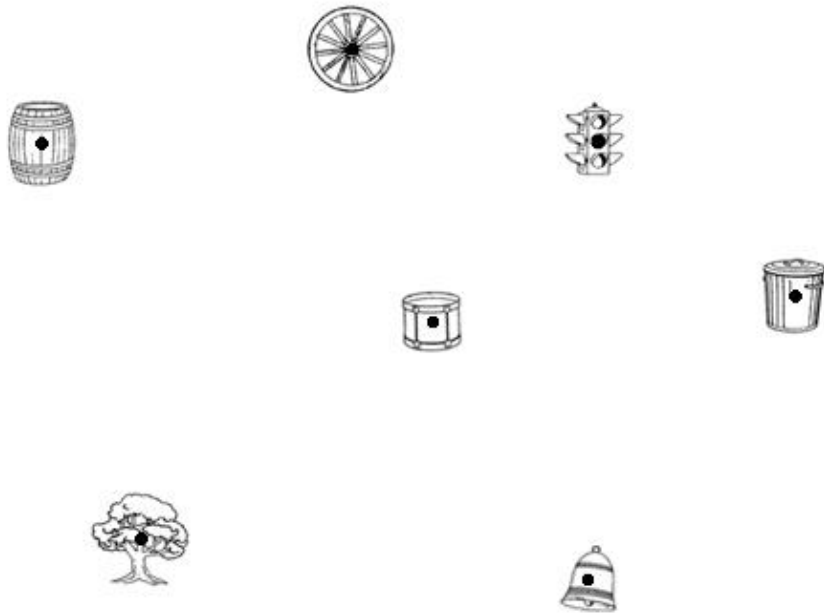
Imagine you are standing at the **traffic light** and facing the **bell**. Point to the **wheel**.



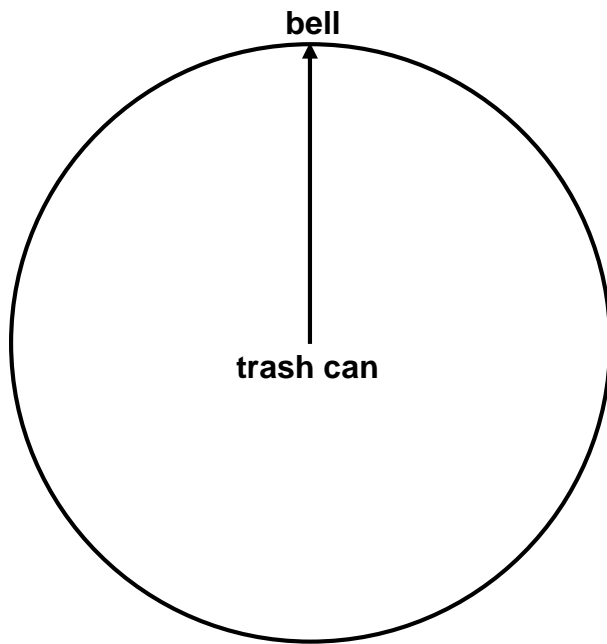


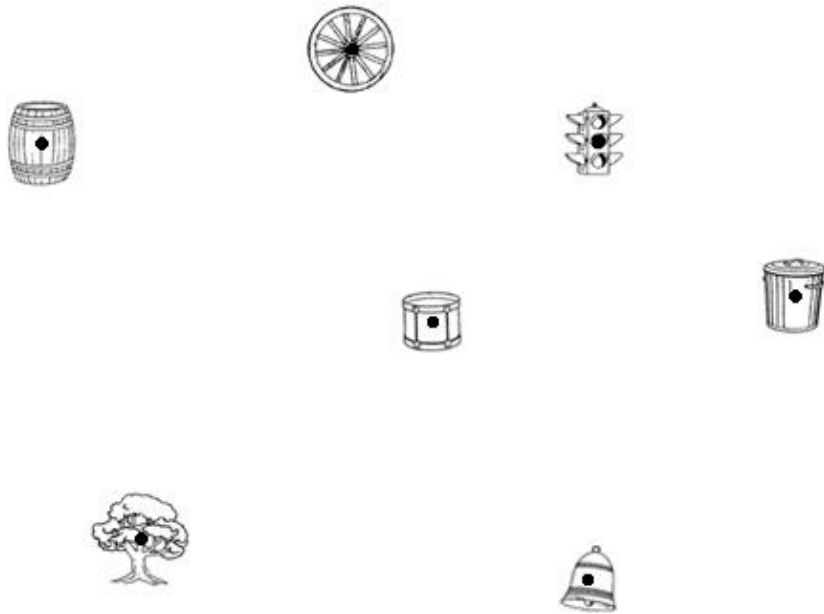
Imagine you are standing at the **barrel** and facing the **trash can**. Point to the **bell**.



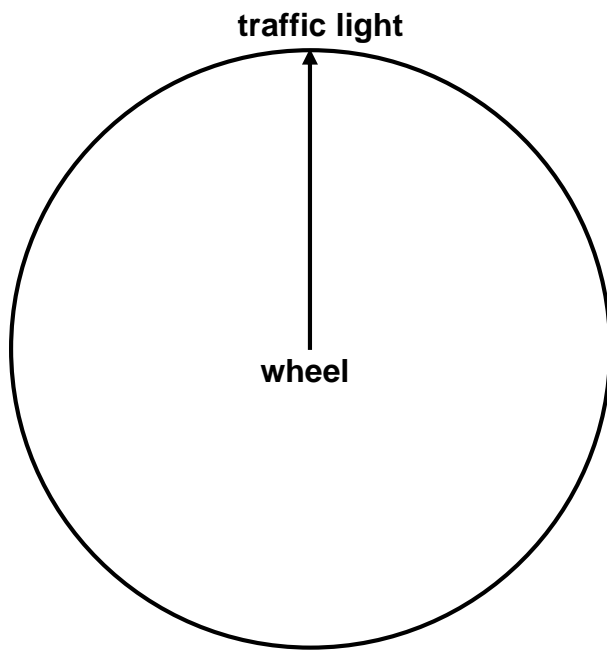


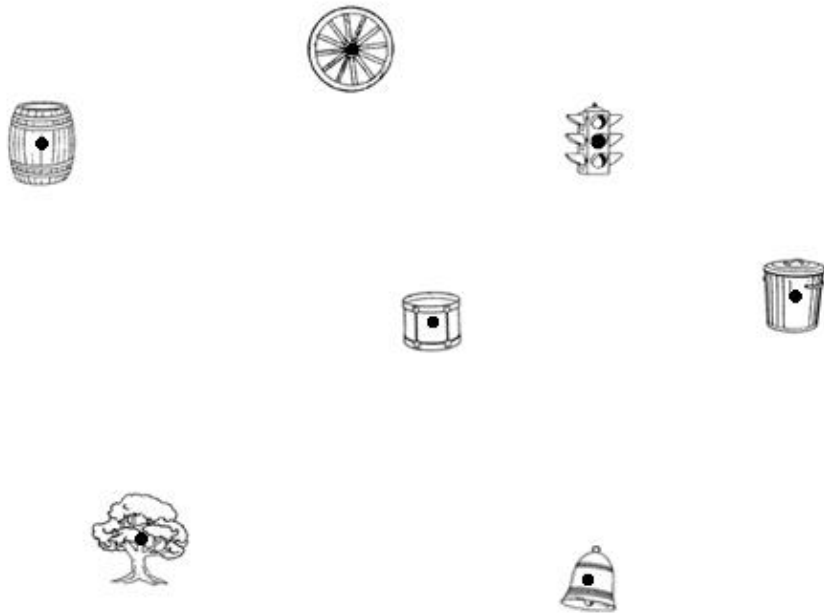
Imagine you are standing at the **trash can** and facing the **bell**. Point to the **traffic light**.



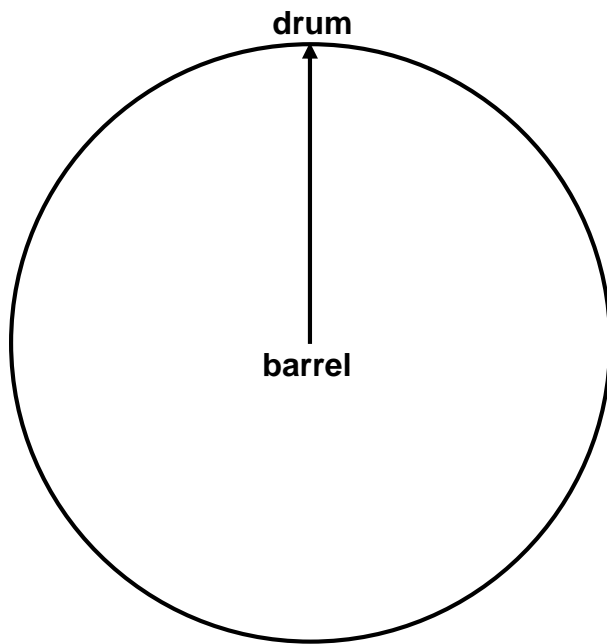


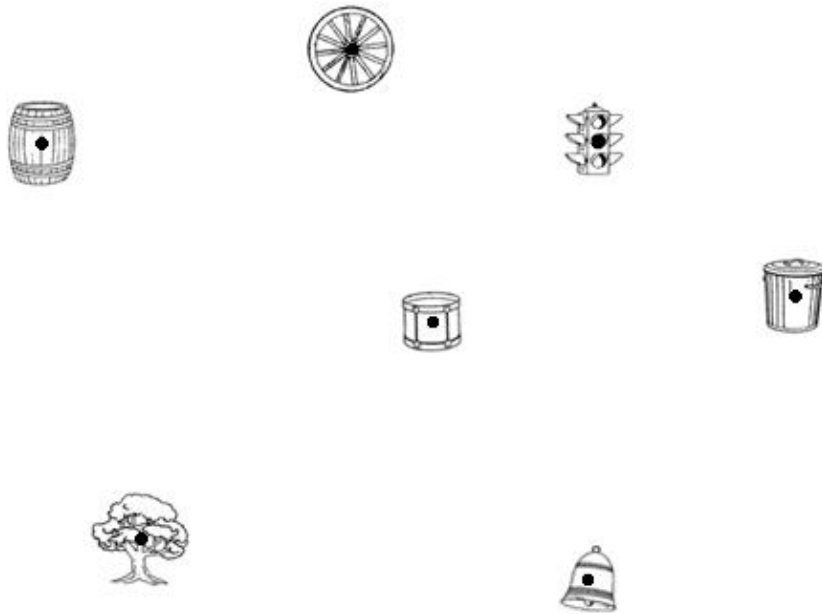
Imagine you are standing at the **wheel** and facing the **traffic light**. Point to the **tree**.



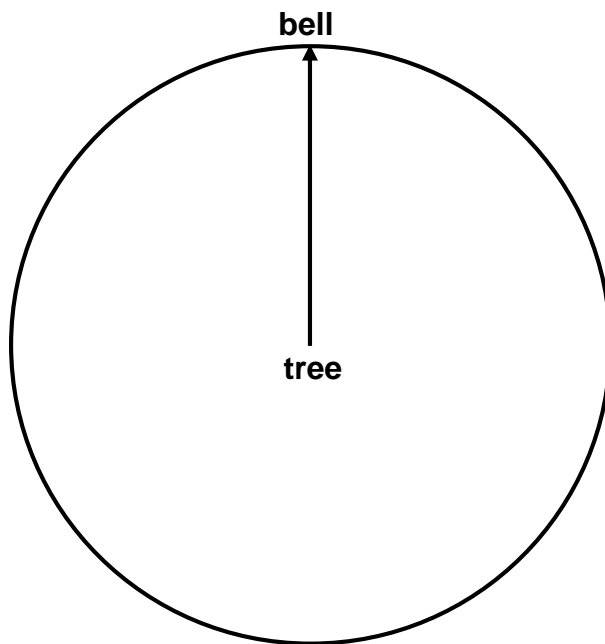


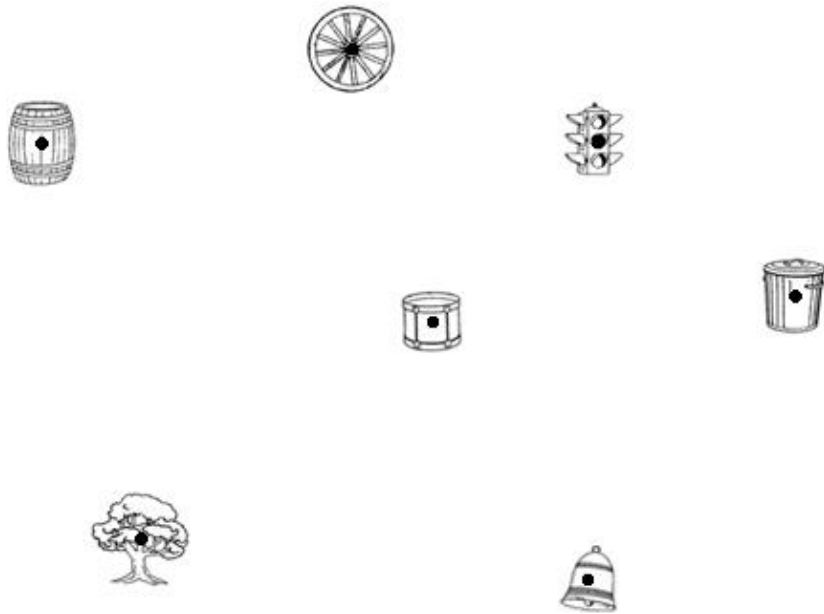
Imagine you are standing at the **barrel** and facing the **drum**. Point to the **wheel**.





Imagine you are standing at the **tree** and facing the **bell**. Point to the **trash can**.





Imagine you are standing at the **drum** and facing the **trash can**. Point to the **barrel**.

