OB-SCERTAINER Datasheet Name:

Problem: A steel ball and walls (partitions) are in each OB-SCERTAINER. Without opening the container, determine the inside design. Be patient, use all of your concentration, and be alert to detail.

Procedure: (groups of 3)

1. Record the number of the container you are testing.
2. Do not open the containers.
3. You will have 3 minutes per container.
4. Carefully shake and tilt the container.
5. From the sound and path of the steel ball, determine the shape and location of the partition(s). Draw your hypothesis in the first circle.
6. After 3 minutes, change containers with one of your partners and repeat steps 1-3.
7. After 3 minutes, change containers with your third partner and repeat steps 1-3.
8. When all team members have formed a hypothesis for each of the 3 containers, choose one container and form a group hypothesis about the inside partitions. Draw the team's hypothesis in the second circle. Do this for all three containers.
9. Save the third circle in each line to fill in after your teacher has revealed the actual design.

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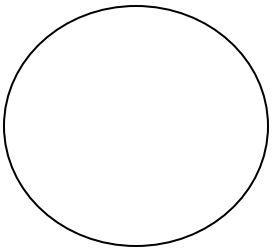
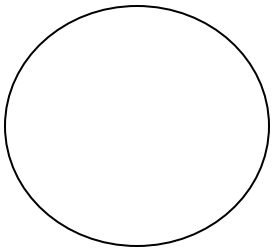
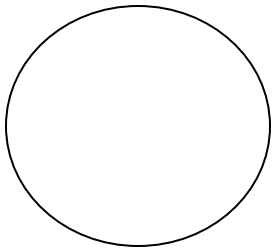


Your hypothesis



Your team's hypothesis



Actual model

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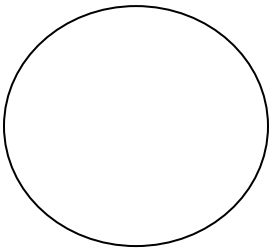
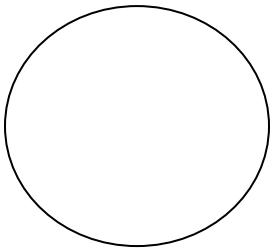
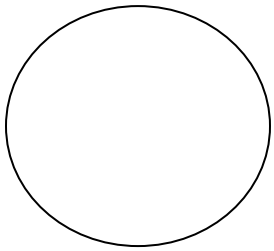


Your hypothesis



Your team's hypothesis



Actual model

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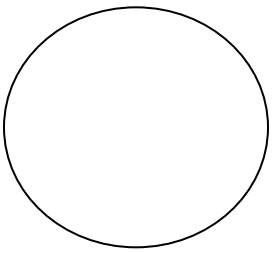

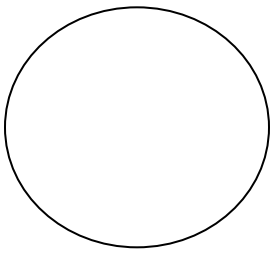

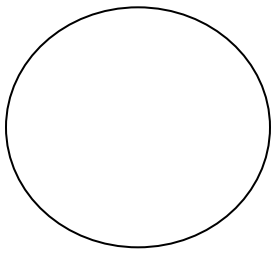

Your hypothesis | Your team's hypothesis | Actual model