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| After learning about refraction and reflection, test each of the following tools. Explain your observations in terms of **scientific understanding about light**. |
| **Mirror**Look at yourself through the mirrorLook at an item in a different location through the mirror | **Magnifying Glass**Look at an item close by and far awayModify the distance from your eye and the object | **Water Bowl**Look at a pencil out of the bowlLook at a pencil in the bowl |
| **What do you notice?** | **What do you notice?** | **What do you notice?** |
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| **Why does this happen?** | **Why does this happen?** | **Why does this happen?** |
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| What questions do you still have? |