Imagine you have five gold blocks that vary in weights. How can you sort them by weight using a balance? There are many ways to do that. **In this game, you will learn a method that is very efficient. Don't worry about coming up with new methods. Your task is to learn this method as well as possible, use this method in the test, then select a curriculum that you believe is most helpful to teach this method.** Some other people will learn with your curriculum as your students.

Your reward bonus will depend on your performance in the test as well as your teaching outcome (your students' performance in the test).

< Previous   Next >
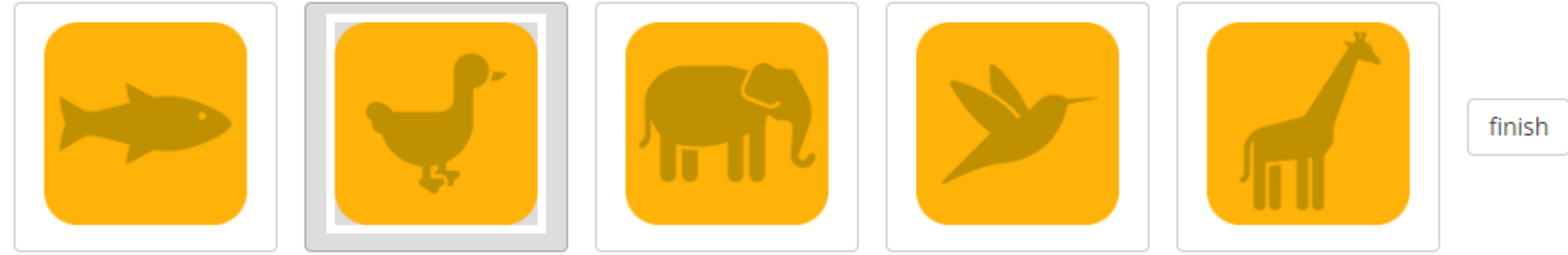
Select any two images to compare, or click finish if you are done sorting.

You sorted incorrectly with 0 comparisons in total.

Your final order is 4,2,3,5,1

The method in this game will allow you to sort correctly with 8 comparisons. Press space to learn it!

In the bottom row, you can compare two items at each time by clicking them. If their order is wrong, they will swap positions. **Please follow the pairs being compared at the top row. Try to find the pattern of this sorting method.**

Example 1: how many items needs to be sorted?*

○ 5-item   ○ 8-item

Example 1: how out-of-order is the initial state?*

○ least   ○ somehow   ○ fairly   ○ most

Example 2: how many items needs to be sorted?*

○ 5-item   ○ 8-item

Example 2: how out-of-order is the initial state?*

○ least   ○ somehow   ○ fairly   ○ most

Example 3: how many items needs to be sorted?*

○ 5-item   ○ 8-item

Example 3: how out-of-order is the initial state?*

○ least   ○ somehow   ○ fairly   ○ most

Example 4: how many items needs to be sorted?*

○ 5-item   ○ 8-item