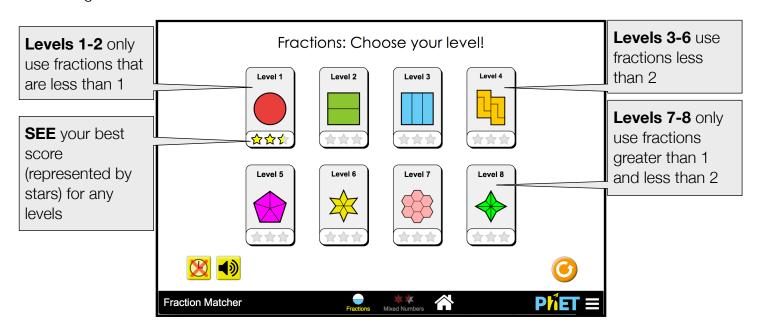
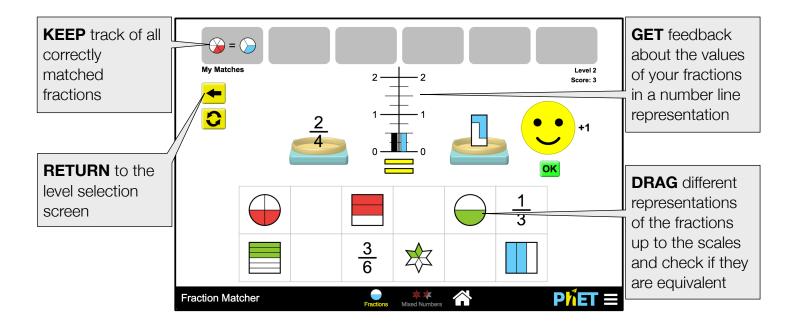


Fraction Matcher

Fractions Screen

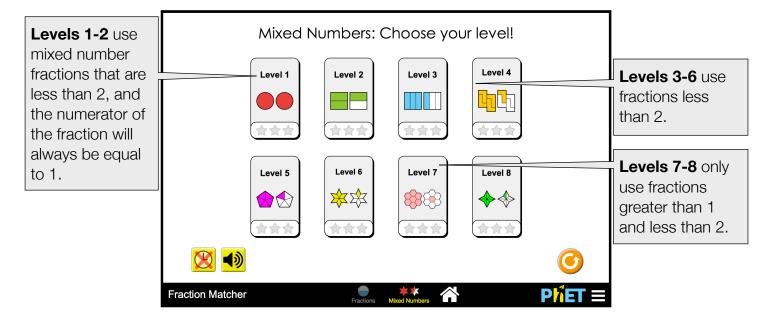
This screen contains eight levels of matching fractions using the improper fraction representations for fractions greater than 1.





Mixed Numbers Screen

This screen contains eight levels of matching fractions using the mixed number representation for fractions greater than 1.



Insights into Student Use

- Students can work at any level on any screen, but it can be helpful to differentiate instruction by assigning certain levels.
- The timer is *off* by default but can be turned on for students to measure their speed on a given level.
- The sound is *on* by default but if you are working with multiple computers in one room you may want to ask students to turn it off.



Suggestions for Use

Group Work

- If two fractions are equivalent, what does the number line representation look like?
- If two fractions are *not* equivalent, what does the number line representation look like?
- What strategies help you match two fractions? How can you use these strategies to determine if 5/8 and 10/13 are equivalent?

See all published activities for Fraction Matcher here.

For more tips on using PhET sims with your students, see Tips for Using PhET.