

Around the House and in Your Yard...

Fraction Hunt

Fractions are all around us! Walk around the house, yard, and neighborhood with your child.

- Where do you see fractions?
- What would you call one part of the whole?
See video for an example: one rectangular stepping stone of 13 equally sized stepping stones would be 1/13th of the stepping stones.
- What if the objects are different sizes? Can they still be represented as a fraction?
See video for an example: one black key on the piano as one out of the total number of black keys. However, one white key can't be represented as a fraction of all of the white keys since they are different sizes.
- Can you represent the object in more than one way? Can you see this in the object?
(For example – $1/5 = 2/10$)

Extension: Draw shapes on the sidewalk in chalk. Split the shape in half and shade half, name the fraction you see. Split the shape in half again, making fourths. What would you call the colored portion now? Write an equivalence statement. ($1/2 = 2/4$) Can you make more? Make art on the sidewalk and have conversations about the fractions you see in the art (<https://www.youcubed.org/resources/sidewalk-chalk-designs-k-12-video/>). What fraction is each shape of the whole? What other fractions have you made?

* This math activity is from the site [youcubed.org](https://www.youcubed.org). It was inspired by *Mindset Mathematics Curriculum, Book 3 - I spy 1/2*. If you are interested in trying other engaging activities like this one over the summer, just click on *Tasks and More* at the top of the website page and select *Youcubed At Home*. Each task includes directions as well as a brief video for parents.

* Activity Link: <https://www.youcubed.org/resources/fraction-hunt-2-8-video/> (The video is very helpful for modeling how to find and talk about fractions around the house and in your yard.)

*Youcubed Newsletter link from May 22, 2020: <https://mailchi.mp/youcubed/welcome-to-youcubedathome-828246>
(There are some important ideas about learning math shared in this newsletter.)