Make your own fraction representation

Standards of Learning (SOL)

2.20 Identify and create patterns
3.19 Extend Pattern Representations
6.2 Order,Equivalence, and representation form of fractions

relevant picture

Materials

- Pens
- Pencils
- Paper

Setup

...

Facilitator

...

DO

Teacher:
Look at these real numbers:
$\frac{1}{2}$, ¼, 75%, 2¾, $\frac{19}{2}$, 12.5%, 0.22, 1.73, 1x10^3, 1.3333… , $.\overline{6}$, 3.35
$\frac{1}{2}$, ½, 50%, 0½, 0.5%, 0.5, 0.50, .5, .50, 5X10^-1

All of these are real numbers, and exist in the world. (show some pictures of them)
"Fractions come in many sizes, shapes, and representations.

Make a number representation of your favorite rhythm.

ASK

Q: What does a fraction look like without numbers?
Q: What is important to include when you make a fraction without numbers?

TAKEAWAY

Fractions are a concrete abstract way of describing relationships, specifically you can describe the relationships between the part and the while without numbers.