Fractions
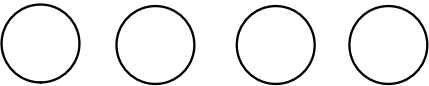
How many circles are here?

But, what if we have a part of a circle? How do we count it?

We use Fractions!
Fractions are for counting **part** of something.

Mar 19-7:45 AM

What if we split the circle into parts like cutting a pizza?

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What if we just had one slice?

That would be [ ]

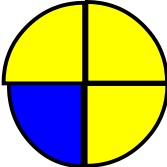piece out of [ ]

Here's how we write it:
1 ⟵ The top number is called the numerator.
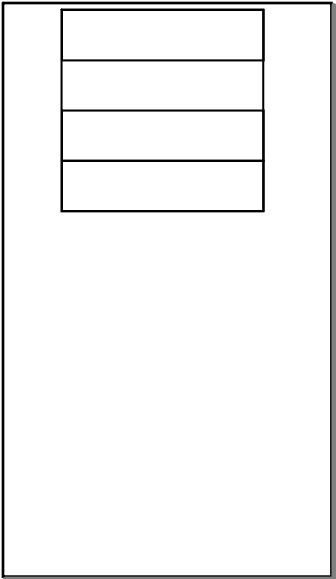8 ⟵ The bottom number is called the denominator.

We read it as "one-eighth".

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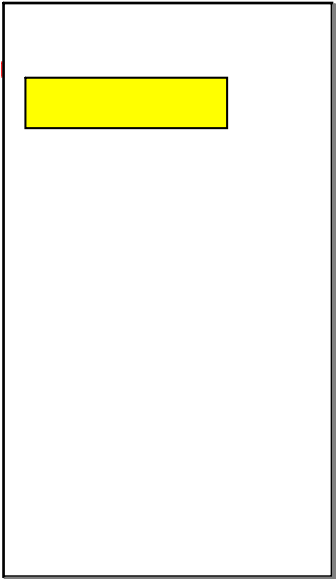

How many pieces are yellow?
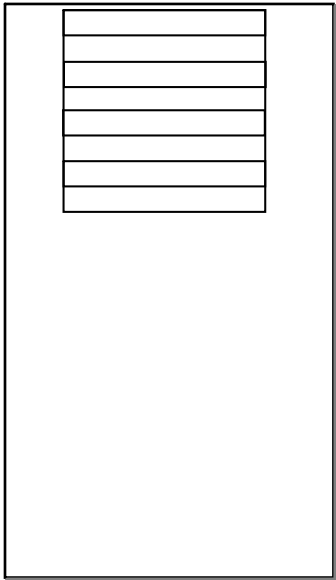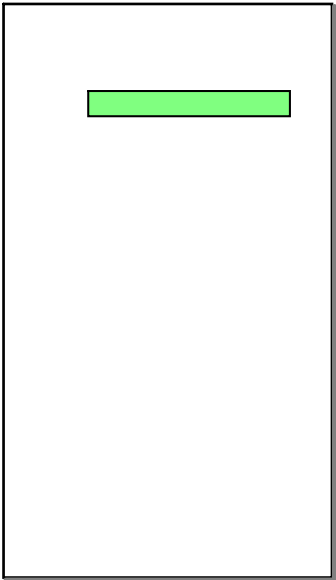
How many pieces are blue?

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Square - quarters

Nov 7-9:44 PM

Square - eighths

Nov 7-7:36 PM

Nov 10-10:05 AM

PA Math Standards

2.1 Numbers, Number Systems and Number Relationships
    2.1.3.B Represent equivalent forms of the same number through the use of concrete objects, drawings, word names, and symbols.
    2.1.3.C Use drawings, diagrams, or models to show the concept of fractions as part of a whole.

NETS For Teachers
1. Facilitate and Inspire Student Learning and Creativity
    a. promote, support, and model creative and innovative thinking and inventiveness.
    b. engage students in solving authentic problems using digital tools and resources.
2. Design and Develop Digital Age Learning Experiences and Assessments
    a. design and adapt relevant learning experiences that incorporate digital tools and resources to promote student learning and creativity.
3. Model Digital-Age Work and Learning
    b. collaborate with students using digital tools and resources to support student success and innovation.
    c. communicate relevant information and ideas effectively to students using a variety of digital-age media and formats.

Mar 19-7:45 AM