NAME:

M a t h
PATHWAYS&PITFALLS

Purpose

To understand that a fraction tells how much a part is compared to the whole

Math Words

equivalent fractions	Two fractions are equivalent if they are the same amount.	$\frac{1}{2} = \frac{2}{4}$
halves	We say one half for $\frac{1}{2}$ and three halves for $\frac{3}{2}$.	
thirds	We say one third for $\frac{1}{3}$ and two thirds for $\frac{2}{3}$.	
fourths	We say one fourth for $\frac{1}{4}$ and three fourths for $\frac{3}{4}$.	

Starter Problem

Write two equivalent fractions that tell what part of the picture is shaded. Write each fraction in symbols and words.

NAME:

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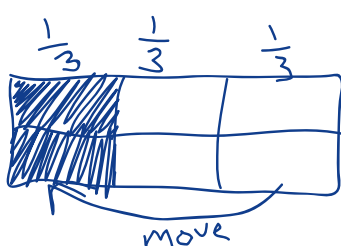
Student Thinking

Teresa

I can see it's 2 equal parts out of 6 equal parts. That's $\frac{2}{6}$. If I slide the 2 shaded pieces together, I can see that two sixths is equal to one third of the whole rectangle.

OK

$\frac{1}{3}$　$\frac{1}{3}$　$\frac{1}{3}$

Symbols

$$\frac{2}{6} = \frac{1}{3}$$

Words
Two sixths
is equal to
one third

move

Juan

It's 2 parts shaded and 4 parts not shaded, so it's $\frac{2}{4}$. That's the same as $\frac{1}{2}$.

Pitfall

$$\frac{2}{4} = \frac{1}{2}$$

Things to Remember

✳ ....

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✳ ....

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STOP

NAME:

Our Turn

Write two fractions for the shaded part of the picture. Write each fraction in symbols and in words.

1. Symbols $\frac{}{}$ = $\frac{}{}$

    Words ....
    ....
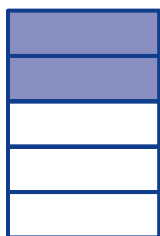
2. Symbols $\frac{}{}$ = $\frac{}{}$

    Words ....
    ....

3. Symbols $\frac{}{}$ = $\frac{}{}$

    Words ....
    ....

NAME:

My Turn

Write two fractions for the shaded part of the picture. Write each fraction in symbols and in words.
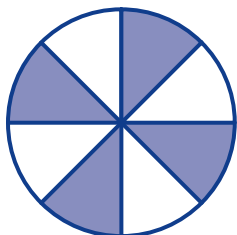
1.

Symbols $\dfrac{\quad}{\quad}$ = $\dfrac{\quad}{\quad}$
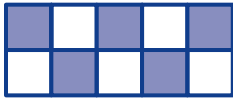
Words ....
....

2.

Symbols $\dfrac{\quad}{\quad}$ = $\dfrac{\quad}{\quad}$

Words ....
....

3.
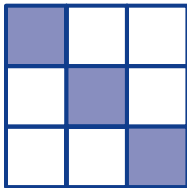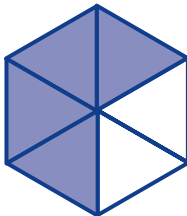
Symbols $\dfrac{\quad}{\quad}$ = $\dfrac{\quad}{\quad}$

Words ....
....

NAME:

Multiple Choice Mini Lesson

Fill in the circle next to the answer you choose.

1. What fraction of the picture is shaded?

   ○ $\frac{2}{5}$ ○ $\frac{4}{6}$ ○ $\frac{6}{4}$ ○ not given

2. What fraction of the picture is shaded?

   ○ two sixths   ○ one fourth   ○ one fifth   ○ not given

NAME:

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NAME:

Writing Task Mini Lesson

Explain how you know $\frac{2}{6}$ and $\frac{1}{3}$ are correct fraction names for the shaded part of this picture. You may draw a picture on the back to help you explain.

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Math Pathways & Pitfalls® ✳ Unit 4 ✳ Lesson 1