Worksheet #4

FRAC-PW: Fractions -- Pieces of a Whole

Correct It: How Many Pieces or How Much of a Pizza?

On a test, Musha ran into the following question:

You make a pizza which you cut into six equal pieces. You then eat 5 pieces. How <u>many pieces</u> of pizza did you eat?

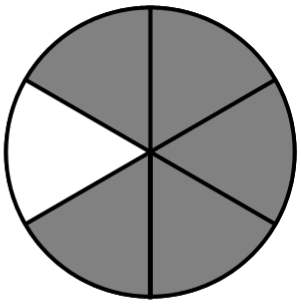
Here is her answer:

Step 1: We'll I have a pizza which I need to cut into 6 equal pieces.

Step 2: So I'm going to use a circle to be my pizza — this is my 'whole pizza'. Then I'm going to 'cut it' into six equal pieces.

Step 3: Then, I ate five pieces so I'm going to shade in 5 of them.

Step 4: So my answer is $\frac{5}{6}$.



NOTE TO TUTOR

Get them to think about 'how much of the pizza did Musha eat' versus 'how many pieces of pizza did Musha eat'.

Come up with other examples and explore them with the student.

Check **each one of Musha's steps**. Explain why it is either right or wrong:

Step 1:

Step 2:

Step 3:

Step 4:

Can you **change the question** so Musha's answer is correct?

Worksheet #4

FRAC-PW: Fractions -- Pieces of a Whole

Questions

Q1 Draw a circle -- use it to represent the fraction $\frac{5}{6}$.

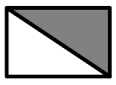
Q2 Ali orders a pizza and cuts it into four pieces. He then eats one. Draw a picture showing how much pizza he has left:

Q3 Sunny drew some pictures to represent fractions below. Are they right or wrong answers? In your own words, explain why or why not. If they are wrong, correct them.

$\frac{1}{2}$ = 

$\frac{4}{5}$ = 

$\frac{1}{6}$ = 

$\frac{1}{2}$ = 

$\frac{3}{4}$ = 

$\frac{0}{2}$ =