

## Problem Solving: Writing to Explain

Gina and her brother Don made homemade pasta with their mother. Gina made  $\frac{1}{4}$  of a pan of pasta. Don made  $\frac{3}{8}$  of a pan. Which person made more pasta?

### Writing to Explain

- Write your explanation in steps to make it clear.
- Tell what the numbers mean in your explanation.
- Tell why you took certain steps.

### Example

- Because  $\frac{1}{4}$  and  $\frac{3}{8}$  have different denominators, I multiplied the numerator and denominator of  $\frac{1}{4}$  by 2 to get  $\frac{2}{8}$ .
- Then I could compare the numerators of  $\frac{2}{8}$  and  $\frac{3}{8}$ . Because  $\frac{3}{8}$  is greater than  $\frac{2}{8}$  I knew that Don made more pasta.

1. Humans usually have 20 baby teeth, which are replaced by 32 adult teeth. Raul said he has lost  $\frac{6}{20}$  of his baby teeth. Write two fractions equivalent to this number. Explain how you came up with the fractions.

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