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LESSON 10-3

Understand the Whole

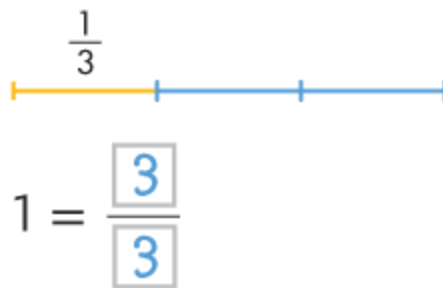
 [MA.3.FR.1.1](#), [MA.3.FR.1.2](#), [MTR.1.1](#), [MTR.4.1](#), [MTR.6.1](#)

For more help with this lesson, view the [Visual Learning Animation](#) or the [Another Look Video](#).

MATH HELP AT HOME

Sample Additional Practice Exercise 1

Draw a picture of the whole and write a fraction to represent the whole.



The part shown is $\frac{1}{3}$ of the whole. One whole is $\frac{3}{3}$, so draw 2 more parts. $\frac{1}{3} + \frac{1}{3} + \frac{1}{3} = \frac{3}{3} = 1$

HOME ACTIVITY

Fraction Noodles

MATERIALS

Processing math: 70%

Uncooked Spaghetti Noodles

ACTIVITY

Break a noodle in half. Give one half to your child, tell your child this is $\frac{1}{2}$ of a whole noodle, and ask how long the whole noodle would be. Help your child place the 2 halves end-to-end. Set another noodle alongside to show that 2 halves equal $\frac{2}{2}$ which is equal to 1. Break a new noodle in half, then break each half in half. Give one fourth to your child, tell your child this is $\frac{1}{4}$ of a whole noodle, and ask how long the whole noodle would be. Ask your child how many more fourths are needed to equal the length of a whole noodle (3). Give your child the other 3 fourths and show that four fourths equal $\frac{4}{4}$ or 1. Break a new noodle in eighths and repeat.