Dividing a Whole Number by a Fraction

Usually, when you divide, you get a lower number than what you started with.

$$9 ÷ 3 = 3$$

When you divide a whole number by a fraction, you get a larger number!

When you divide 3 by 1/3, you're really asking, "How many 1/3's are there in 3?" And there are 9.

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

Meets Common Core Standard: 6.NS.A.1