



Divide a Whole Number by a Unit Fraction



Write the quotient for each problem below.

1. $2 \div \frac{1}{4} =$ _____

1				1			
$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$

2. $2 \div \frac{1}{5} =$ _____

1					1				
$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$

3. $2 \div \frac{1}{2} =$ _____

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

Complete the drawing of the model. Then, write the quotient.

4. $2 \div \frac{1}{8} =$ _____

1				1			

5. $2 \div \frac{1}{3} =$ _____

1			1		

How would you help a friend understand how to figure out these types of problems (whole number divided by a unit fraction)?





About the Author



Jennifer Bay-Williams is a passionate mathematics educator at the University of Louisville, Kentucky. She has written many books, including *Math Fact Fluency*, *Elementary and Middle School Mathematics: Teaching Developmentally* and *Teaching Student-Centered Mathematics*, all of which take different angles at trying to ensure mathematics teaching engages every student.

Bay-Williams is involved with many organizations related to mathematics teaching. She is a member of the National Council of Teachers of Mathematics (NCTM) Board of Directors, a former president of the Association of Mathematics Teacher Education (AMTE), and active in TODOS: Mathematics for All.

