

# Dividing Fractions Worksheet (Unit Fractions) - Answer Key

5th Grade - dividing unit fractions and whole numbers | 16 minutes

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**Divide. Think about what the division means: splitting into parts, or how many fit inside.**

Example:  $4 \div (1/2)$ : how many halves are in 4?  $\rightarrow 8$ .

1.  $1/2 \div 3 =$

**Answer:  $1/6$**

2.  $1/4 \div 2 =$

**Answer:  $1/8$**

3.  $3 \div (1/2) =$

**Answer: 6**

4.  $4 \div (1/3) =$

**Answer: 12**

5.  $1/3 \div 2 =$

**Answer:  $1/6$**

6.  $5 \div (1/2) =$

**Answer: 10**

7.  $1/5 \div 2 =$

**Answer:  $1/10$**

8.  $2 \div (1/4) =$

**Answer: 8**

## Challenge

9. How many  $1/3$ -cup scoops are in 2 cups?

**Answer:  $2 \div (1/3) = 6$  scoops**

10. Why is  $1/2 \div 3$  smaller than  $1/2$ ?

**Answer: Splitting one half into 3 equal parts makes each part smaller ( $1/6$ ).**