

Name _____ Class _____ Date _____

Activity Sheet #6 Shading Blank Fraction Bars to determine quotients of fractions

$\frac{1}{2} \div \frac{1}{4}$ means to determine the number of times that $\frac{1}{4}$ fits into $\frac{1}{2}$. So, shading bars for both fractions shows that $\frac{1}{4}$ fits into $\frac{1}{2}$ twice.



Shade the bars for both fractions and determine the number of times the smaller shaded amount fits into the larger shaded amount.

1. $\frac{2}{3} \div \frac{1}{6} =$

2. $\frac{1}{5} \div \frac{1}{10} =$

3. $\frac{3}{4} \div \frac{1}{8} =$

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

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

6. $\frac{3}{8} \div \frac{1}{12} =$

7. $\frac{5}{12} \div \frac{1}{4} =$

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

9. $\frac{7}{10} \div \frac{1}{5} =$

10. $\frac{5}{8} \div \frac{1}{3} =$

11. $\frac{1}{6} \div \frac{1}{3} =$

12. $\frac{2}{12} \div \frac{1}{6} =$

Find a pattern in the answers above and state a rule for dividing one fraction by another. (Hint: Look at the answers to 4, 5, and 8.)