

STUDY LINK
8•7
Multiplying Fractions and Whole Numbers


Use the fraction multiplication algorithm to calculate the following products.



1. $\frac{5}{3} * 9 =$ _____

2. $\frac{3}{8} * 12 =$ _____

3. $\frac{1}{8} * 5 =$ _____

4. $20 * \frac{3}{4} =$ _____

5. $\frac{5}{6} * 14 =$ _____

6. $27 * \frac{2}{9} =$ _____

7. Use the given rule to complete the table.

Rule
$\triangle = \square * 4$

in (\square)	out (\triangle)
$\frac{2}{3}$	
$\frac{4}{5}$	
$\frac{8}{9}$	
$\frac{5}{4}$	
$\frac{7}{3}$	

8. What is the rule for the table below?

Rule

in (\square)	out (\triangle)
2	$\frac{1}{2}$
3	$\frac{3}{4}$
$\frac{5}{6}$	$\frac{5}{24}$
$\frac{2}{3}$	$\frac{1}{6}$

9. Make and complete your own "What's My Rule?" table on the back of this page.