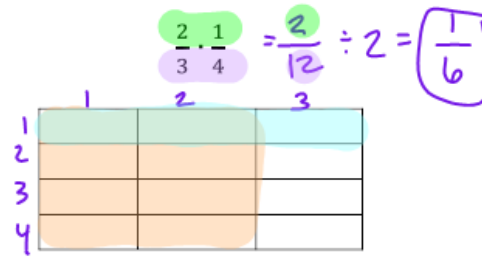


Multiplying Fractions (7-2)

Multiply the fractions using a model.



Example 2: Multiply the fractions.

I Do	You Do
$2 \frac{12}{17} \cdot \frac{5}{18} = \frac{10}{51}$	$3 \frac{9}{4} \cdot \frac{12}{21} = \frac{9}{28}$

$2 \frac{17}{3} = \frac{51}{3}$

Example 3: Multiply when $x = \frac{3}{7}$

I Do	You Do
$\frac{8}{15}x$ $5 \sqrt{15} \cdot \frac{3}{7} = \boxed{\frac{8}{35}}$	$\frac{14}{21}x$ $2 \sqrt{21} \cdot \frac{3}{7} = \boxed{\frac{2}{7}}$

Example 5: Multiply the fractions.

I Do
$\frac{4}{x} \cdot \frac{3}{8} \cdot \frac{14}{15} = \boxed{\frac{1}{5}}$