Name: _____   Date: _____

Section 6.3 Extra Practice

1. Fill in the blanks with the correct answer.

a) When paper folding to show $\frac{1}{2} \times \frac{2}{3}$, fold the paper into _____,

then into _____.

b) When drawing diagrams to show $\frac{3}{4} \times \frac{2}{3}$, draw line segments to show

_____, then _____.

c) The product of two proper fractions is _____ than either of the fractions.

d) When estimating the product of two proper fractions, first decide if each

fraction is closer to _____, _____, or _____.

e) To multiply fractions, multiply the _____ by the _____,

and the _____ by the _____.

2. Determine each product using the rectangles below.

a) $\frac{1}{3} \times \frac{1}{3}$ = _____

b) $\frac{2}{3} \times \frac{1}{4}$ = _____

3. For each question, estimate and then calculate the product. Show your work. Express the final answer in lowest terms.

	Estimate the Product	Calculate the Product
a) $\frac{2}{3} \times \frac{3}{4}$		
b) $\frac{1}{3} \times \frac{4}{5}$		
c) $\frac{5}{8} \times \frac{1}{4}$		

4. In Mr. Saari's grade 8 class, $\frac{3}{8}$ of the students play hockey. Of these students, $\frac{1}{3}$ are on a "rep" team. What fraction of students in Mr. Saari's class is on a "rep" team? Show your work.