

**Patterns in Fraction Division****Part A: Dividing by a Fraction with the Same Denominator**

Set 1	Set 2
a) $\frac{7}{2} \div \frac{1}{2}$  b) $\frac{8}{5} \div \frac{2}{5}$  c) $\frac{5}{3} \div \frac{1}{3}$	a) $\frac{5}{4} \div \frac{1}{4}$  b) $\frac{6}{10} \div \frac{3}{10}$  c) $\frac{7}{9} \div \frac{1}{9}$
The pattern that I notice is	
I can remember, when dividing fractions with the same denominators, that	

**Patterns in Fraction Division (cont'd)****Part B: Dividing a Whole Number by a Unit Fraction**

Set 1	Set 2
a) $7 \div \frac{1}{2}$  b) $3 \div \frac{1}{5}$  c) $4 \div \frac{1}{3}$	a) $6 \div \frac{1}{5}$  b) $5 \div \frac{1}{4}$  c) $2 \div \frac{1}{10}$
The pattern that I notice is	
I can remember, when dividing a whole number by a unit fraction, that	

**Patterns in Fraction Division (cont'd)****Part C: Dividing Fractions with Different Denominators**

Set 1	Set 2
a) $\frac{3}{2} \div \frac{3}{5}$  b) $\frac{2}{7} \div \frac{1}{3}$  c) $1\frac{1}{8} \div \frac{3}{4}$	a) $\frac{7}{4} \div \frac{3}{5}$  b) $1\frac{5}{11} \div \frac{3}{4}$  c) $1\frac{2}{3} \div \frac{5}{7}$
The pattern that I notice is	
I can remember, when dividing fractions with different denominators, that	

**Patterns in Fraction Division (cont'd)****Part D: Choosing a Division Strategy**

You have identified different ways to divide fractions.

Think about which method you would like to use for each of the following questions and then determine the quotient.

<b>Set 1</b>	<b>Set 2</b>
a) $\frac{7}{4} \div \frac{1}{2}$	a) $\frac{3}{10} \div \frac{6}{5}$
b) $\frac{6}{11} \div \frac{3}{4}$	b) $2\frac{1}{4} \div \frac{3}{8}$
c) $1\frac{5}{8} \div \frac{1}{4}$	c) $1\frac{3}{4} \div \frac{5}{9}$