**Fraction Multiplication**

Multiplying Fractions

Multiply Horizontally – numerators with numerators and denominators with denominators

1. $\frac{2}{7}$ • $\frac{1}{2}$ = $\frac{2}{14}$ = $\frac{1}{7}$

**Simplify** Before you **Multiply**!

Same problem using strategy – simplify/cancel then multiply horizontally

1

 $\frac{2}{7}$ • $\frac{1}{2}$ = $\frac{1}{7}$

1

2

2. $\frac{2}{3}$ • $\frac{6}{11}$ = $\frac{4}{11}$

1

1

3

1

3. $\frac{5}{8}$ • $\frac{6}{15}$ = $\frac{1}{4}$

1

3

4

Now you try!

4. $\frac{3}{4}$ • $\frac{9}{10}$ • $\frac{16}{27}$ = 5. $\frac{13}{27}$ • $\frac{9}{26}$ • $\frac{2}{3}$ =

6. $\frac{5}{6}$ • $\frac{4}{7}$ • $\frac{14}{15}$ = 7. $\frac{18}{45}$ • $\frac{14}{45}$ =

8. $\frac{24}{49}$ • $\frac{35}{48}$ =

9. Find the Area

$\frac{8}{35}$ in

$\frac{5}{16}$ in