

# Rename in Higher Terms answers

## 1. Rename in Higher Terms with Circles

1.  $\frac{2}{3} \times \frac{2}{2} = \frac{4}{6}$

2.  $\frac{2}{4} \times \frac{3}{3} = \frac{6}{12}$

3.  $\frac{3}{4} \times \frac{3}{3} = \frac{9}{12}$

4.  $\frac{3}{5} \times \frac{5}{5} = \frac{15}{25}$

5.  $\frac{3}{7} \times \frac{3}{3} = \frac{9}{21}$

6.  $\frac{3}{8} \times \frac{3}{3} = \frac{9}{24}$

7.  $\frac{3}{3} \times \frac{3}{3} = \frac{9}{9}$

8.  $\frac{3}{3} \times \frac{5}{5} = \frac{15}{15}$

9.  $\frac{7}{10} \times \frac{4}{4} = \frac{28}{40}$

10.  $\frac{7}{10} \times \frac{2}{2} = \frac{14}{20}$

## 2. Rename in Higher Terms with Lines

1.  $\frac{1}{2} \times \frac{2}{2} = \frac{2}{4}$

2.  $\frac{2}{3} \times \frac{3}{3} = \frac{6}{9}$

3.  $\frac{1}{2} \times \frac{8}{8} = \frac{8}{16}$

4.  $\frac{3}{4} \times \frac{5}{5} = \frac{15}{20}$

5.  $\frac{2}{5} \times \frac{3}{3} = \frac{6}{15}$

6.  $\frac{2}{5} \times \frac{4}{4} = \frac{8}{20}$

7.  $\frac{3}{7} \times \frac{2}{2} = \frac{6}{14}$

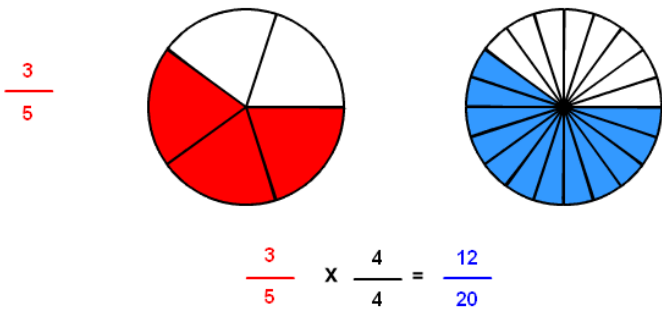
8.  $\frac{3}{7} \times \frac{3}{3} = \frac{9}{21}$

9.  $\frac{3}{8} \times \frac{4}{4} = \frac{12}{32}$

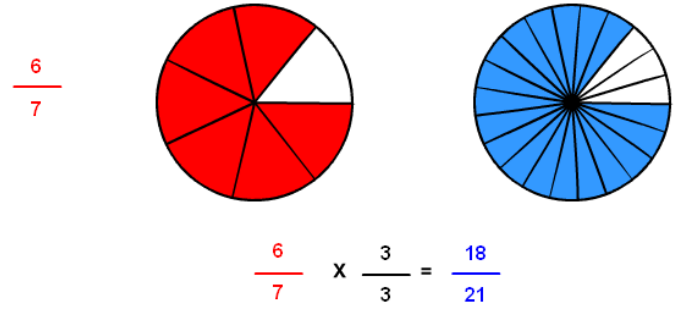
10.  $\frac{7}{8} \times \frac{4}{4} = \frac{28}{32}$

### 3. Rename in Higher Terms with Circles

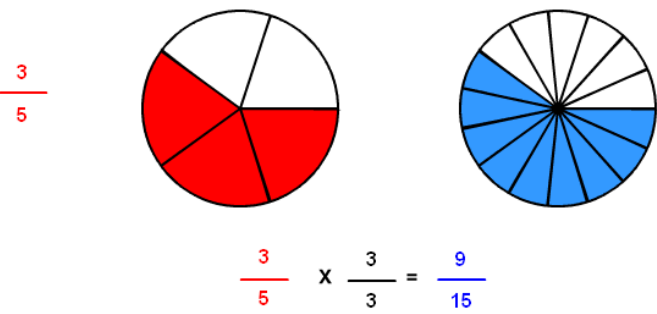
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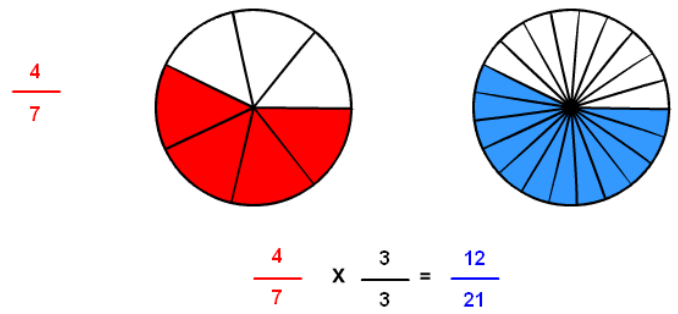
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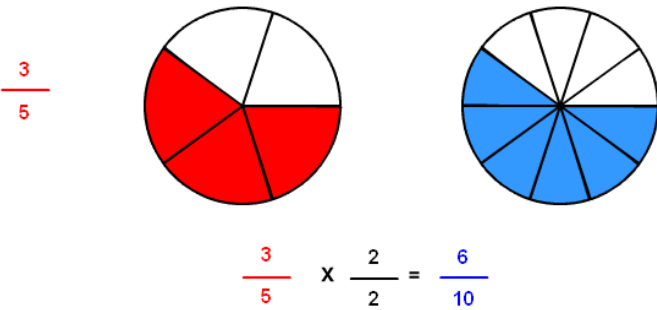
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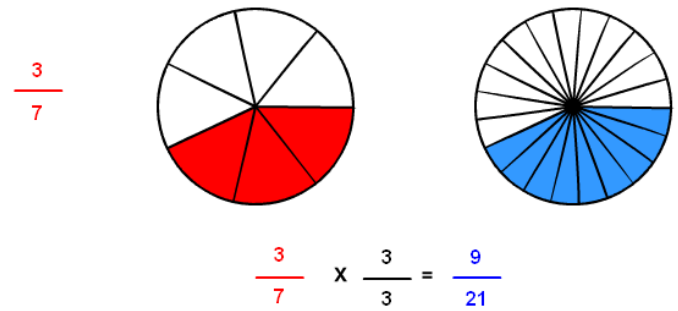
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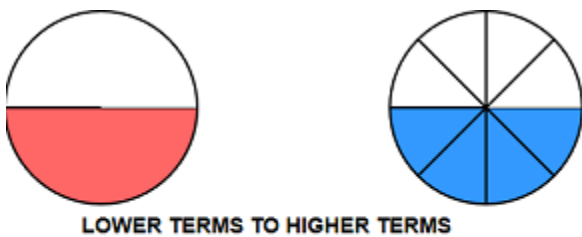
5.



6.



7.



$\frac{1}{2} \times \frac{4}{4} = \frac{4}{8}$

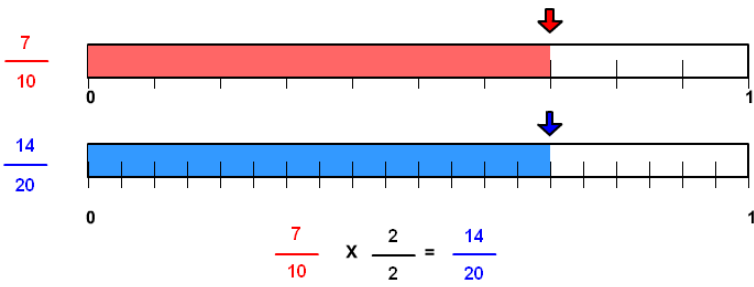
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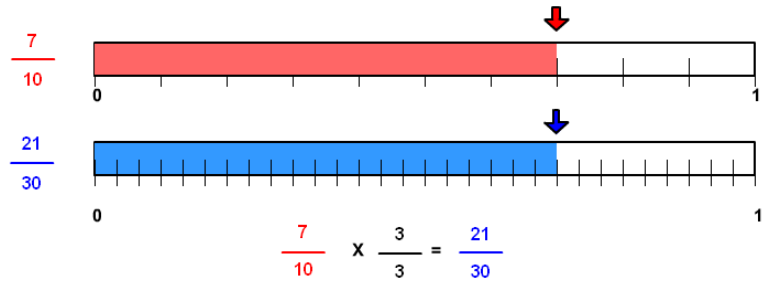
$\frac{1}{10} \times \frac{2}{2} = \frac{2}{20}$

## 4. Rename in Higher Terms with Lines

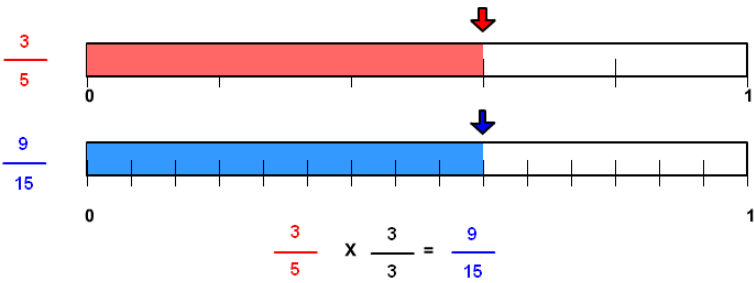
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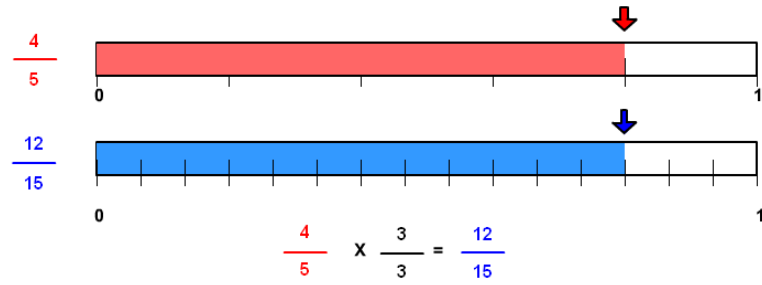
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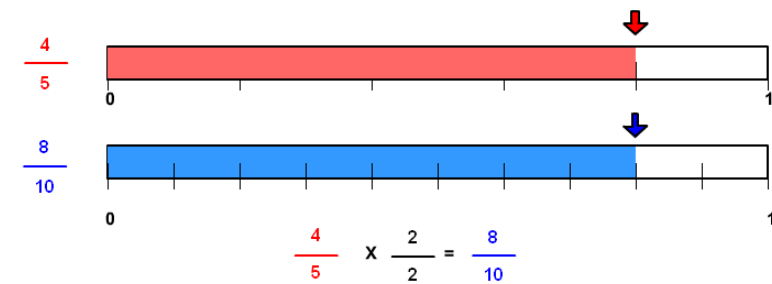
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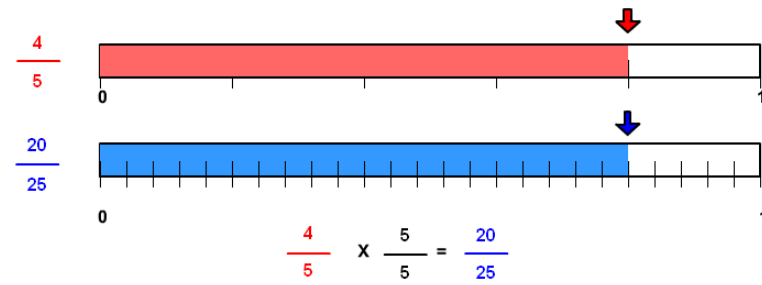
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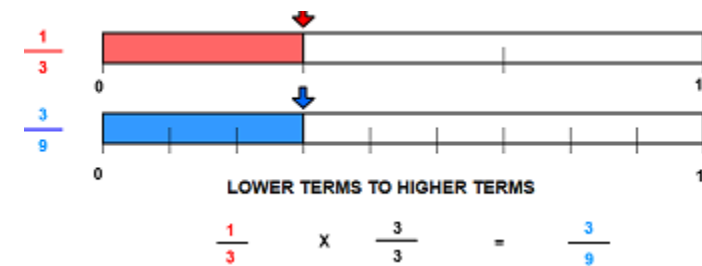
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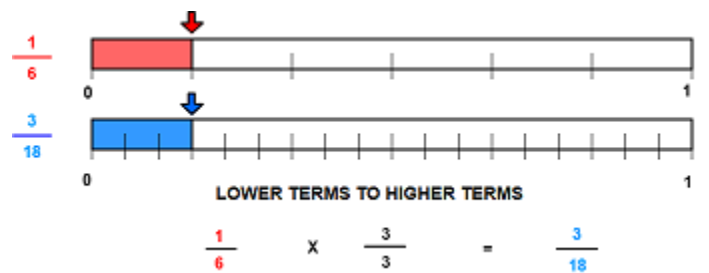
6.



7.



8.



## 5. Rename in Higher Terms with Circles and Lines

1.

$$\frac{5}{8} \times \frac{2}{2} = \frac{10}{16}$$

2.

$$\frac{3}{5} \times \frac{3}{3} = \frac{9}{15}$$

3.

$$\frac{5}{7} \times \frac{3}{3} = \frac{15}{21}$$

4.

$$\frac{3}{5} \times \frac{4}{4} = \frac{12}{20}$$

5.

$$\frac{4}{7} \times \frac{3}{3} = \frac{12}{21}$$

6.

$$\frac{4}{7} \times \frac{4}{4} = \frac{16}{28}$$

7.

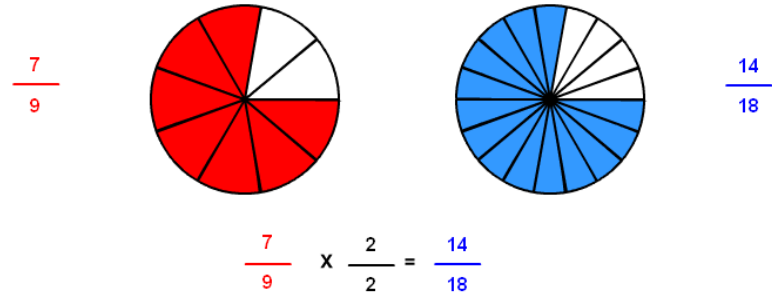
$$\frac{1}{3} \times \frac{5}{5} = \frac{5}{15}$$

8.

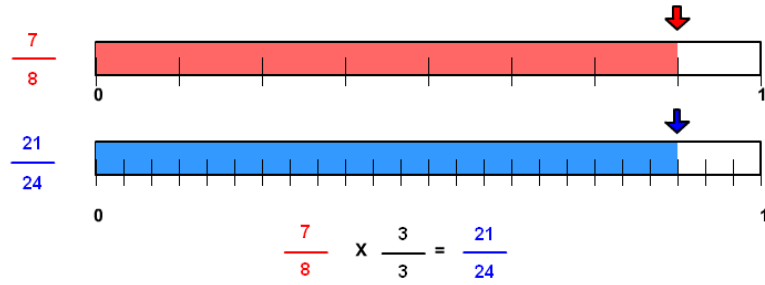
$$\frac{1}{3} \times \frac{2}{2} = \frac{2}{6}$$

## 6. Rename in Higher Terms with Circles and Lines

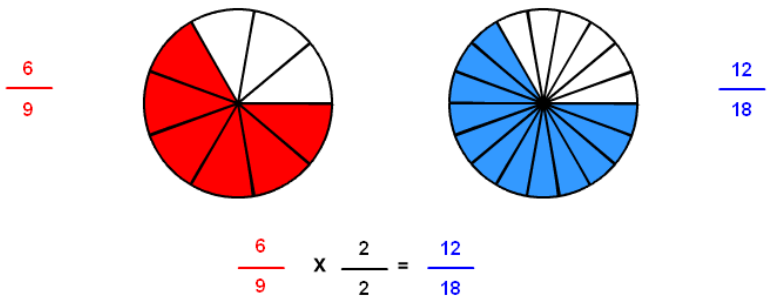
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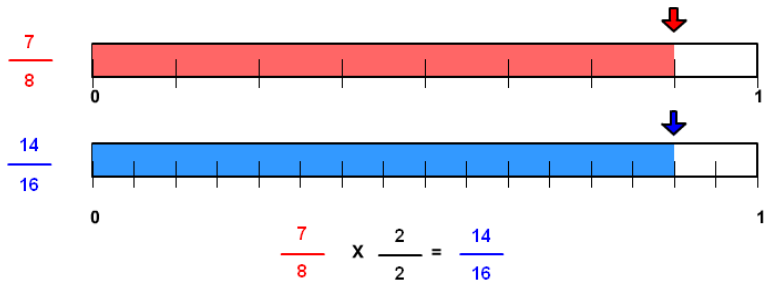
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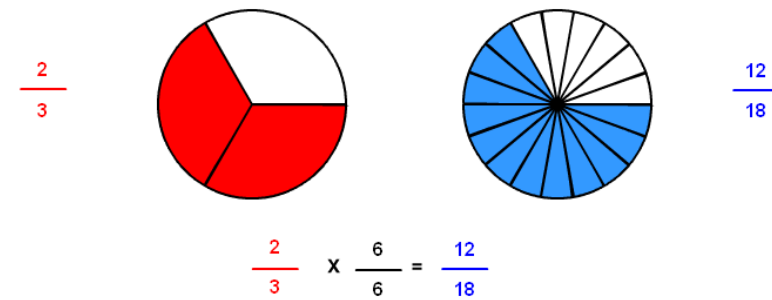
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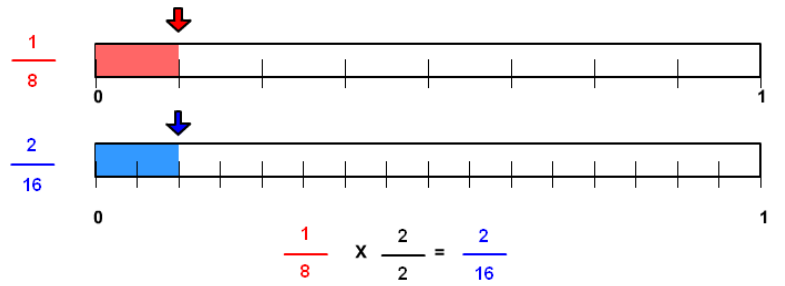
4.



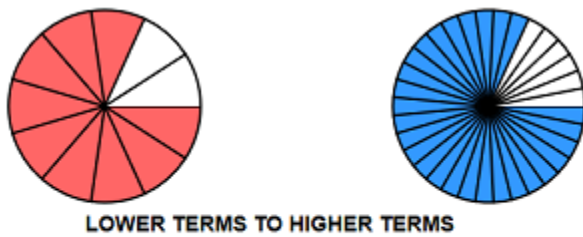
5.



6.



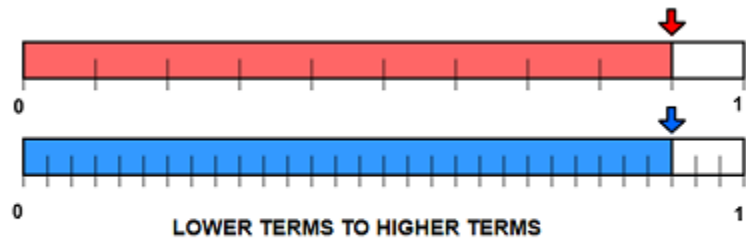
7.



LOWER TERMS TO HIGHER TERMS

$$\frac{9}{11} \times \frac{3}{3} = \frac{27}{33}$$

8.



LOWER TERMS TO HIGHER TERMS

$$\frac{9}{10} \times \frac{3}{3} = \frac{27}{30}$$

## 7. Rename In Higher Terms Practice

1.  $\frac{5}{8} \times \frac{3}{3} = \frac{15}{24}$

2.  $\frac{7}{8} \times \frac{3}{3} = \frac{21}{24}$

3.  $\frac{4}{8} \times \frac{3}{3} = \frac{12}{24}$

4.  $\frac{2}{3} \times \frac{2}{2} = \frac{4}{6}$

5.  $\frac{2}{3} \times \frac{3}{3} = \frac{6}{9}$

6.  $\frac{2}{3} \times \frac{5}{5} = \frac{10}{15}$

7.  $\frac{7}{5} \times \frac{5}{5} = \frac{35}{25}$

8.  $\frac{7}{15} \times \frac{5}{5} = \frac{35}{75}$

9.  $\frac{3}{11} \times \frac{7}{7} = \frac{21}{77}$

10.  $\frac{11}{3} \times \frac{7}{7} = \frac{77}{21}$

11.  $\frac{4}{5} \times \frac{12}{12} = \frac{48}{60}$

12.  $\frac{4}{5} \times \frac{10}{10} = \frac{40}{50}$