

# Multiple Fractional Factors

Saturday, September 13, 2014  
8:05 PM

Slide

The slide shows a chalkboard with several navigation buttons and callouts:

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Callouts include:

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Notes

**Reciprocals First**

$$\frac{2}{4} \div \frac{5}{6} \times \frac{10}{3}$$

Place the numbers in the places they need to be for a reciprocal.

<input type="text"/>	<input type="text"/>
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In this lesson, you will be combining several things that you have learned. You will be using your multiplication and division of fraction skills in the same problem. You will also use canceling when you are able to simplify your work early on when you see they can be simplified.

Your first step when division of fractions is involved, is to do the reciprocal of any fractions after the division symbol.

Cancel Next

$$\frac{7}{7} \times \frac{6}{5} \times \frac{10}{3}$$

Drag the numbers to the right in to places that will show canceling.

1

2

Now it is time to cancel. Drag the correct numbers over the numerators and denominators to show cancelling.

$$\frac{14}{4} \times \frac{12}{3} \div \frac{7}{6}$$

$$\overset{2}{\cancel{14}} \overset{3}{\cancel{12}} \times \overset{1}{\cancel{4}} \overset{2}{\cancel{6}} \div \overset{1}{\cancel{7}} \overset{1}{\cancel{3}}$$

$$= \frac{12}{1} = 12$$

Try it

Congratulations!  
You have completed  
this topic

Give us feedback about  
this lesson if you wish...

help lesson  
**Contact Me**