

Review Exercises

1. $\frac{1}{3}$ of $\frac{4}{5}$

2. $\frac{3}{2} \times \frac{3}{5}$

3.
$$\begin{array}{r} \frac{2}{5} \\ - \frac{2}{5} \\ \hline \end{array}$$

4.
$$\begin{array}{r} \frac{2}{5} \\ + \frac{2}{5} \\ \hline \end{array}$$

Helpful Hints	<p>If the denominator of one fraction and the numerator of another have a common factor, they can be divided out before you multiply the fractions. Remember, “of” means the same as “x” or “times.”</p>	<p>Examples</p> <p>4 is a common factor</p> $\frac{\cancel{3}}{\cancel{4}_1} \times \frac{\cancel{8}^2}{11} = \frac{6}{11}$ <p>3 and 4 are common factors</p> $\frac{\cancel{3}^3}{\cancel{8}_2} \times \frac{\cancel{4}^1}{\cancel{3}_1} = \frac{3}{2} = 1\frac{1}{2}$
----------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

S. $\frac{3}{5} \times \frac{5}{7}$

S. $\frac{9}{10} \times \frac{5}{3}$

1. $\frac{2}{5}$ of $\frac{3}{4}$

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

3. $\frac{15}{16} \times \frac{3}{5}$

4. $\frac{3}{4} \times \frac{7}{9}$

5. $\frac{4}{3} \times \frac{6}{7}$

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

7. $\frac{3}{4} \times \frac{3}{5}$

8. $\frac{2}{7}$ of $\frac{14}{15}$

9. $\frac{8}{9} \times \frac{3}{4}$

10. $\frac{1}{6} \times \frac{4}{5}$

Problem Solving	<p>There are 15 rows of seats in a theater. If each row has 11 seats, how many people can be seated for a show?</p>
------------------------	---------------------------------------------------------------------------------------------------------------------