



Simplify  $\frac{8xy}{12ab} \div \frac{4x^2y^2}{15a^2b^2}$ .

☐  $\frac{5ab}{2xy}$

☐  $\frac{xy}{2ab}$

☐  $\frac{2ab}{xy}$

☐  $\frac{2xy}{ab}$

Simplify  $\frac{20ab}{15x^3y} \div \frac{25a^2b^2}{30xy}$ .

☐  $\frac{8}{5bx^2}$

☐  $\frac{5bx^2}{8}$

☐  $\frac{8abx^2}{5}$

☐  $\frac{8}{5abx^2}$

Simplify  $\frac{x^2-4}{x^2+9x+14} \cdot \frac{x^2-49}{x^2-4x+4}$ .

☐  $\frac{x+7}{x+2}$

☐  $\frac{x-7}{x-2}$

☐  $\frac{x+2}{x+7}$

☐  $\frac{x-2}{x-7}$