Simplify.

1. $\frac{4}{9} \div \frac{2}{3}=$
2. $\frac{3}{4} \div \frac{3}{8}=$
3. $\frac{15}{27} \div \frac{3}{5}=$
4. $\frac{7}{12} \div \frac{3}{4}=$
5. $\frac{5}{28} \div \frac{1}{7}=$
6. $\frac{6}{12} \div \frac{2}{3}=$
7. $\frac{20}{8} \div \frac{5}{4}=$
8. $\frac{8}{2} \div \frac{3}{4}=$
