Dividing Fractions (F)

Find the value of each expression in lowest terms.

1. $\frac{13}{10} \div \frac{1}{4} \div \frac{14}{5}$

2. $\frac{7}{3} \div \left(\frac{11}{4} \div 1\frac{6}{7} \right)$

3. $1\frac{3}{4} \div \frac{3}{2} \div \frac{7}{5}$

4. $1\frac{7}{8} \div 1\frac{7}{8} \div 4\frac{1}{4}$

5. $4\frac{1}{2} \div \frac{7}{3} \div \frac{1}{2}$

6. $\frac{9}{2} \div \left(\frac{3}{10} \div \frac{5}{9} \right)$

7. $\frac{10}{9} \div \frac{7}{9} \div \frac{3}{4}$

8. $\frac{2}{3} \div 2\frac{1}{4} \div \frac{10}{3}$

9. $\frac{3}{10} \div \left(\frac{4}{5} \div \frac{13}{4} \right)$

Dividing Fractions (F) Answers

Find the value of each expression in lowest terms.

1. $\frac{13}{10} \div \frac{1}{4} \div \frac{14}{5}$
$= \frac{13}{7} = 1\frac{6}{7}$

2. $\frac{7}{3} \div \left(\frac{11}{4} \div 1\frac{6}{7}\right)$
$= \frac{52}{33} = 1\frac{19}{33}$

3. $1\frac{3}{4} \div \frac{3}{2} \div \frac{7}{5}$
$= \frac{5}{6}$

4. $1\frac{7}{8} \div 1\frac{7}{8} \div 4\frac{1}{4}$
$= \frac{4}{17}$

5. $4\frac{1}{2} \div \frac{7}{3} \div \frac{1}{2}$
$= \frac{27}{7} = 3\frac{6}{7}$

6. $\frac{9}{2} \div \left(\frac{3}{10} \div \frac{5}{9}\right)$
$= \frac{25}{3} = 8\frac{1}{3}$

7. $\frac{10}{9} \div \frac{7}{9} \div \frac{3}{4}$
$= \frac{40}{21} = 1\frac{19}{21}$

8. $\frac{2}{3} \div 2\frac{1}{4} \div \frac{10}{3}$
$= \frac{4}{45}$

9. $\frac{3}{10} \div \left(\frac{4}{5} \div \frac{13}{4}\right)$
$= \frac{39}{32} = 1\frac{7}{32}$