Dividing Fractions (H)

Find the value of each expression in lowest terms.

1. $1\frac{3}{8} \div 1\frac{1}{9}$

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

3. $6\frac{1}{3} \div 1\frac{2}{3}$

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

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

6. $1\frac{1}{7} \div 2\frac{2}{7}$

7. $2\frac{3}{8} \div 1\frac{5}{7}$

8. $1\frac{5}{8} \div 8\frac{1}{2}$

9. $2\frac{1}{9} \div 2\frac{1}{6}$

10. $1\frac{2}{7} \div 1\frac{3}{10}$

11. $4\frac{1}{4} \div 2\frac{5}{6}$

12. $5\frac{2}{3} \div 2\frac{2}{3}$

Dividing Fractions (H) Answers

Find the value of each expression in lowest terms.

1. $1\frac{3}{8} \div 1\frac{1}{9}$
$= \frac{99}{80} = 1\frac{19}{80}$

2. $3\frac{1}{2} \div 2\frac{5}{7}$
$= \frac{49}{38} = 1\frac{11}{38}$

3. $6\frac{1}{3} \div 1\frac{2}{3}$
$= \frac{19}{5} = 3\frac{4}{5}$

4. $2\frac{4}{7} \div 2\frac{4}{5}$
$= \frac{45}{49}$

5. $1\frac{1}{7} \div 1\frac{1}{2}$
$= \frac{16}{21}$

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

7. $2\frac{3}{8} \div 1\frac{5}{7}$
$= \frac{133}{96} = 1\frac{37}{96}$

8. $1\frac{5}{8} \div 8\frac{1}{2}$
$= \frac{13}{68}$

9. $2\frac{1}{9} \div 2\frac{1}{6}$
$= \frac{38}{39}$

10. $1\frac{2}{7} \div 1\frac{3}{10}$
$= \frac{90}{91}$

11. $4\frac{1}{4} \div 2\frac{5}{6}$
$= \frac{3}{2} = 1\frac{1}{2}$

12. $5\frac{2}{3} \div 2\frac{2}{3}$
$= \frac{17}{8} = 2\frac{1}{8}$