

1)  $\frac{20}{21} \div \frac{4}{7}$

$\frac{5}{3} \cdot \frac{7}{4} = \frac{5}{3} \text{ or } 1\frac{2}{3}$

2)  $5\frac{2}{3} \div \frac{17}{24}$

$\frac{17}{13} \cdot \frac{24}{17} = \frac{8}{1} = 8$

3)  $\frac{5}{6} \cdot \frac{8}{15} \div \frac{20}{1}$

$\frac{5}{6} \cdot \frac{8}{15} \cdot \frac{1}{20} = \frac{1}{45}$

4)  $\frac{8}{1} \div \left( \frac{13}{42} \cdot \frac{21}{26} \right)$

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

$\frac{8}{1} \cdot \frac{4}{1} = \frac{32}{1} = 32$

5)  $\frac{9}{10} \div \frac{54}{1}$

$\frac{9}{10} \cdot \frac{1}{54} = \frac{1}{60}$

6)  $\frac{18}{25} \cdot \frac{10}{33} \div \frac{6}{11}$

$\frac{2}{5} \cdot \frac{10}{33} \cdot \frac{11}{6} = \frac{2}{5}$

7)  $\frac{21}{24} \div 6\frac{1}{8}$

$\frac{21}{24} \div \frac{49}{8}$

$\frac{21}{24} \cdot \frac{8}{49} = \frac{1}{7}$

8)  $\frac{9}{10} \left( \frac{2}{3} \div \frac{8}{15} \right)$

$\frac{9}{10} \cdot \frac{15}{8}$

$\frac{9}{10} \cdot \frac{5}{4} = \frac{9}{8} \text{ or } 1\frac{1}{8}$

9)  $\frac{20}{33} \div \frac{5}{22} \cdot \frac{3}{16}$

$\frac{20}{33} \cdot \frac{22}{5} \cdot \frac{3}{16} = \frac{1}{2}$

10)  $\frac{6}{11} \div \frac{12}{77}$

$\frac{6}{11} \cdot \frac{77}{12} = \frac{7}{2} \text{ or } 3\frac{1}{2}$

General note:

You may choose to reduce in an order that differs from the key, but your final answer should always match.

11)  $7\frac{2}{9} \div \frac{5}{6}$

$\frac{13}{9} \cdot \frac{6}{5} = \frac{26}{3} \text{ or } 8\frac{2}{3}$

12)  $\frac{12}{15} \cdot \frac{3}{10} \div \frac{4}{5}$

$\frac{12}{15} \cdot \frac{3}{10} \cdot \frac{5}{4} = \frac{3}{10}$