

## Part 1-8 → Dividing Fractions with Mixed Numbers

$$2\frac{1}{2} \div \frac{3}{4} =$$

(4)  $\frac{5}{2}$  (5)  
add  
MULTIPLY

we have to convert to an improper fraction first

$$\frac{5}{2} \div \frac{3}{4} =$$

keep      change      flip

$$\frac{5}{2} \times \frac{4}{3} = \frac{20}{6}$$

now let's convert back to a mixed number

$$6 : 6, 12, 18, 24$$

↑    ↑    ↑

$$\frac{20}{6} = 3\frac{2}{6} \begin{matrix} \div 2 \\ \div 2 \end{matrix} = \left( 3\frac{1}{3} \right)$$