

# Division

$$\frac{3}{4} \div \frac{5}{6} = \frac{3}{4} \times \frac{6}{5} = \frac{18}{20} = \frac{9}{10}$$

## Good Advice:

“Division by fractions, the most complicated operation with the most complex numbers, can be considered as a topic at the summit of arithmetic.” (Liping Ma, 1999, *Knowing and Teaching Elementary Mathematics*)

## Very, Very, Very Bad Advice:

“Ours is not to reason why, just invert and multiply.”

--origin unknown