

You may have multiplied the reciprocal of both numbers: $\frac{8}{21} \cdot \frac{4}{3}$. To solve the problem, multiply the first number by the reciprocal of the second number: $2\frac{5}{8} \div \frac{3}{4} = \frac{21}{8} \cdot \frac{4}{3}$. The correct answer is $3\frac{1}{2}$.