



Math Study Strategies

Math for Sewing

Multiplying Fractions

Only proper and improper fractions can be multiplied. Mixed numbers must first be converted into improper fractions before they can be multiplied.

Example Problem

What is $2\frac{1}{3} \times \frac{6}{5}$?

$$2\frac{1}{3} \longrightarrow \frac{7}{3}$$

To multiply fractions follow these steps:

Step 1

Cancel if possible.

$$\frac{7}{\cancel{3}_1} \times \frac{\cancel{6}^2}{5}$$

Step 2

Multiply straight across.

$$\frac{7}{1} \times \frac{2}{5} = \frac{14}{5}$$

Step 3

Reduce the answer to lowest terms (if possible) or express it as a mixed number.

$$2\frac{4}{5}$$

Visual Representation

