

7 out of 53 high school band students play in a college band. 3 out of 79 college band students play in a community band. what fractional part of high school students play in a community band?

$\frac{7}{53}$ – fractional part of one high school band students that plays in a college band.

To find the fractional part of high school students play in a community band we should:

$$\frac{7}{53} \cdot \frac{3}{79} = \frac{21}{4187}$$

$\frac{21}{4187}$ of high school students play in a community band.