



Conversions

About These Problems

Conversion problems often involve converting between fractions, decimals, and percentages. The more difficult conversions involve fractions from decimals. Percentage to decimal conversions just involve multiplying or dividing by 100.

Question. Which one of the following fractions is equal to 0.577 or 58% when converted?

1. $41/71$
2. $50/80$
3. $2/3$
4. $3/5$
5. $12/15$

Answer. 1: Converting back from a decimal is difficult. Use the calculator to try all five options. Or else narrow it down from the easy fractions such as $3/5$ which is 0.60 and $12/15$ which is 0.8.