A small barrel of grape juice is mixed using 12 parts grape concentrate and $\mathbf{3 0}$ parts water. A large barrel of apple juice is mixed using $\mathbf{1 6}$ parts apple concentrate and $\mathbf{3 6}$ parts water. Which barrel is fruitier?
$12+30=42$ - number of all parts in small barrel
$\frac{12}{42}=\frac{2}{7}-$ part of grape in small barrel
16+36=52 - number of all parts in larger barrel
$\frac{16}{52}=\frac{4}{13}$ - part of grape in larger barrel
Reduce it to a common denominator
$\frac{2}{7}=\frac{2 \cdot 13}{7 \cdot 13}=\frac{26}{91}$
$\frac{4}{13}=\frac{4 \cdot 7}{13 \cdot 7}=\frac{28}{91}$
$28>26$ so $\frac{26}{91}<\frac{28}{91}$. It means that juice in larger barrel is fruitier.

