Sometimes, Always, Never – Fractions, decimals and percentages - Answers

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| **SOMETIMES**It depends what you are finding percentages of. 15% of 100 is less than 10% of 200. | **ALWAYS**¼ of 48 is 12, so ¾ is 36. | **NEVER**0.6 is the same as 0.600, which is obviously bigger than 0.423. To compare decimals, give them the same number of decimal places by using zeroes. |
|  **NEVER**To compare fractions, you must convert them to equivalent fractions with the same denominator (that’s the number on the bottom). $\frac{2}{3}$ = $\frac{8}{12}$ and $\frac{3}{4}$ = $\frac{9}{12}$. | **ALWAYS**59% of 200 is the same as 200% of 59, which is double 59, i.e. 118. | **SOMETIMES**As above, it depends what you are finding percentages of. |
| **NEVER**10% of 56 is 5.6, so 20% is double that which is 11.2. | **NEVER**3% is 0.03. 0.3 is 30%. | **ALWAYS**Both are 22.5. |
| **ALWAYS** | **ALWAYS** | **ALWAYS**  |
| **ALWAYS** | **NEVER**You must convert both to fractions with a common denominator first. The answer is $\frac{19}{15}$. | **NEVER**76 $÷$ 0.1 = 76076 $÷$ 10 = 7.6 |