Which of these is true?

$$89\% \text{ of } 42 > 42\% \text{ of } 89$$

$$89\% \text{ of } 42 = 42\% \text{ of } 89$$

$$89\% \text{ of } 42 < 42\% \text{ of } 89$$

Justify your answer, using fractions, decimals or percentages to support your argument.

Is your argument true only for this case?

Does this work for proportions greater than 100% and less than 1%?

e.g.

140% of 50 ml = 50% of 140 ml

0.3% of 4.2 kg = 4.2% of 0.3 kg

How would you compare

33⅓% of 279 cm

with

279% of 33⅓ cm?