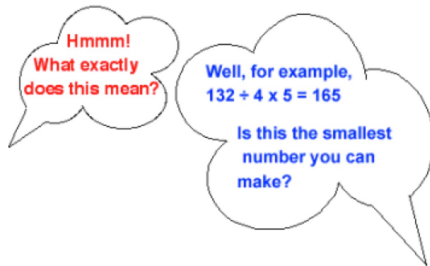


### DOWNSIZE

Using the numbers 1, 2, 3, 4 and 5 once and only once and the symbols  $\times$  and  $\div$  once and only once, what is the smallest whole number you can make?



Now suppose you have to use the symbol  $+$  once and the symbol  $\div$  twice, what is the smallest fraction that you can find?

For example  $\frac{1}{4} + \frac{2}{35} = \frac{43}{140}$ .

Can you find a smaller fraction?

### HELP

This activity is about developing and using number sense and understanding numbers rather than doing calculations. If it helps you could use a calculator.

### NEXT

Make the largest whole number following the same rules.

How many whole numbers can you make in this way?