Stepwise Progression of the Expanded
Euclidean Algorithm in PHP Let's begin with two integers, 494 and 52
To find their greatest common divisor, we begin by sorting them from smallest to

52494
Next, we shift them to the right and
fill in the missing spot with a zero...
$0 \quad 52$












 moduloreminider $\sqrt{3} \square \square 0 \square \square \square \square \square \square \square \square$ sort fom left tor ight $\square^{3} \sqrt{3} \square \square \square \square \square \square \square \square$


The GCD of 1233, 1476, 1383, 126, 1419, 561, 660, 1470, 795 and 726 is 3.


## Division by Zero is Possible and Definable...



Division by Zero is Not the Problen
Division is the Problem!








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