7/18/22 Methods: Trace Drawing - Loops Group 2: Ashley, David, Kate, Yeidy

gcd (39, Vanables: a b c c c c c c c c c c c c c c c c c	24)			<pre>public static int gcd(int a, int b) { int r = 0; while (a % b != 0) { r = a % b; a = b; b = r; }//mod check loop</pre>
b Ea	il ints			return b; }//gcd gcd(39,24)
100p #	a	Ь	Υ	(parameters, declaration of initialization of r)
	39	24	0	(parameters, declaration 3 milliarization of 1)
1	24	15	15	a % b ? = 0 TRUE y = a% b = 39% 24 = 15 a = b = 24 b = y = 15
2	15	9	9	$a \cdot b = 0$ TRUE $r = a \cdot b = 24 \cdot 15 = 9$ a = b = 15
3	9	6	6	$b = r = 9$ $a \times b ! = 0$ TRUE $r = a \times b = 15 \times 9 = 6$ $a = b = 9$
4	6	3	3	b = r = 6 a x b 1 = 0 TRU6 r = a x b = 9 x 6 = 3 a = b = 6 b = r = 3
5				a / b ! = 0 FAISE
5				4 return b → return 3