

$\frac{300}{5069}$	$\frac{29}{490}$	$\frac{19}{321}$	$\frac{9}{152}$	$\frac{8}{135}$	$\dots$	$\frac{1}{16}$	$\frac{1}{1}$
	$\overbrace{\hspace{1.5cm}}$	$\overbrace{\hspace{1.5cm}} \quad \overbrace{\hspace{1.5cm}}$		$\overbrace{\hspace{1.5cm}} \quad \overbrace{\hspace{1.5cm}} \quad \dots \quad \overbrace{\hspace{1.5cm}}$		$\overbrace{\hspace{1.5cm}} \quad \overbrace{\hspace{1.5cm}}$	
$\Delta a = 271$		$\Delta a = 10 = \langle 271 \rangle_{29}$		$\Delta a = 1 = \langle 10 \rangle_9$		$\Delta a = 0 = \langle 1 \rangle_1$	
$\Delta b = 4579$		$\Delta b = 169 = \langle 4579 \rangle_{490}$		$\Delta b = 17 = \langle 169 \rangle_{152}$		$\Delta b = 1 = \langle 17 \rangle_{16}$	
1 iteration		2 iterations		8 iterations		8 iterations	