



$$\Delta a = 271$$

$$\Delta b = 4579$$

1 iteration

$$\Delta a = 10 = \langle 271 \rangle_{29}$$

$$\Delta b = 169 = \langle 4579 \rangle_{490}$$

2 iterations

$$\Delta a = 1 = \langle 10 \rangle_9$$

$$\Delta b = 17 = \langle 169 \rangle_{152}$$

8 iterations

$$\Delta a = 0 = \langle 1 \rangle_1$$

$$\Delta b = 1 = \langle 17 \rangle_{16}$$

8 iterations