$X = 1.0000 \ 1101 \ (269/256)$

 $D = 1.0011\ 0110\ (310/256)$

 $Q = 0.1101 \ 1110 \ (222/256)$

D[1.3] = 1.001, so we use the "1.001" column of chart 13.X. This means we select a quotient bit of 2 if the partial remainder is greater than or equal to 3.5, a quotient bit of 1 if the partial is greater or equal to than 1.0, a zero if the partial is greater than or equal to -1.5, -1 if the partial is greater than or equal to -3.75, and a -2 otherwise.

Initialization	D	0001.0011 0110 00	
	2D	0010.0110 1100 00	
	$-D = \overline{D} + 1$	1110.1100 1001 11	(+ 1 ulp)
	$-2D = \overline{2D} + 1$	1101.1001 0011 11	(+ 1 ulp)
	$WS_{-1} = X$	0001.0000 1101 00	
	WC_{-1}	0000.0000 0000 00	
G. O	TT C	0001 0000 1101 00	
Step 0:	WS_{-1}	0001.0000 1101 00	(111
	WC_{-1}	0000.0000 0000 01	$(W_{msbs} = 0001.000 \text{ so } q_0 = 1)$
-	$-q_0D$	1110.1100 1001 11	0
	sum	1111.1100 0100 10	≪ 2
	carry	_ 0000.0001 0010 10	
Stop 1.	WS_0	1111.0001 0010 00	
Step 1:	WC_0	0000.0100 1010 0 0	$(W_{msbs} = 1111.010 \text{ so } q_1 = -1)$
	$-q_1D$	0001.0011 0110 00	$(vv_{msbs} - 1111.010 \text{ so } q_1 = -1)$
-	$\frac{-q_1D}{sum}$	1110.0110 1110 00	$ \ll 2$
		0010.0010 0100 00	≪ 2 ≪ 2
	<u>carry</u>		
Step 2:	WS_1	1001.1011 1000 00	
	WC_1	1000.1001 0000 0 1	$(W_{msbs} = 0010.010 \text{ so } q_2 = 2)$
	$-q_2D$	1101.1001 0011 11	(·· mada = ================================
-	$\frac{12-}{sum}$	1100.1011 1011 10	- ≪ 2
	carry	0011.0010 0000 10	≪ 2
Step 3:	WS_2	0010.1110 1110 00	
•	$\overline{WC_2}$	1100.1000 0010 0 0	$(W_{msbs} = 1111.011 \text{ so } q_3 = -1)$
	$-q_3D$	0001.0011 0110 00	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
-	$\frac{10}{sum}$	1111.0101 1010 00	$\ll 2$
	carry	0001.0100 0100 00	$\ll 2$
Step 4:	WS_3	1101.0110 1000 00	
	WC_3	0101.0001 0000 0 1	$(W_{msbs} = 0010.011 \text{ so } q_4 = 2)$
	$-q_4D$	1101.1001 0011 11	_ ,
-	sum	0101.1110 1011 10	$\ll 2$
	carry	1010.0010 0000 10	$\ll 2$
Step 5:	WS_4	$0111.1010\ 1110\ 00$	
	WC_4	1000.1000 0010 0 0	$(W_{msbs} = 0000.001 \text{ so } q_5 = 0)$
	$-q_5D$	0000.0000 0000 00	_
-	sum	1111.0010 1100 00	$\ll 2$
	carry	0001.0000 0100 00	≪ 2
			

Quotient 00.11 01 11 10 (00 1)

Terminate