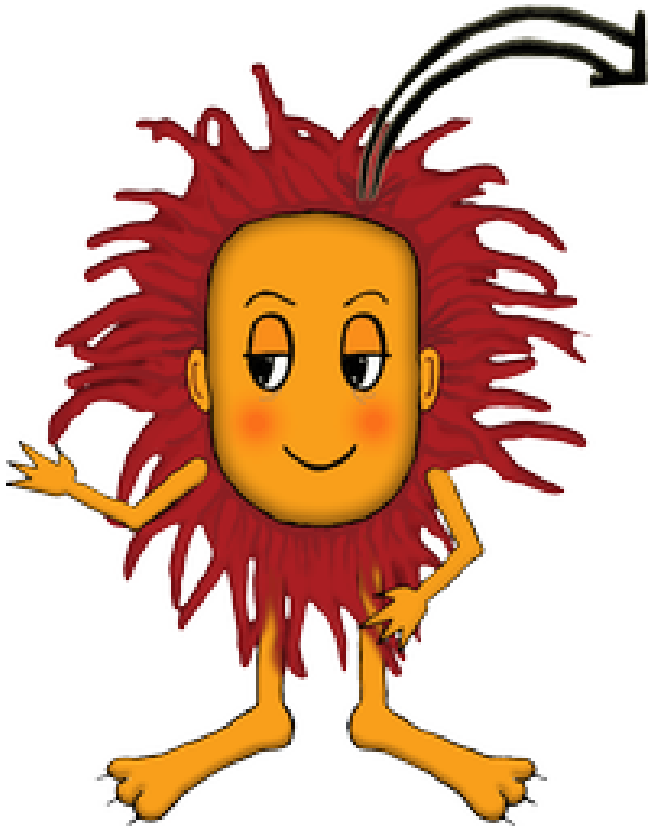
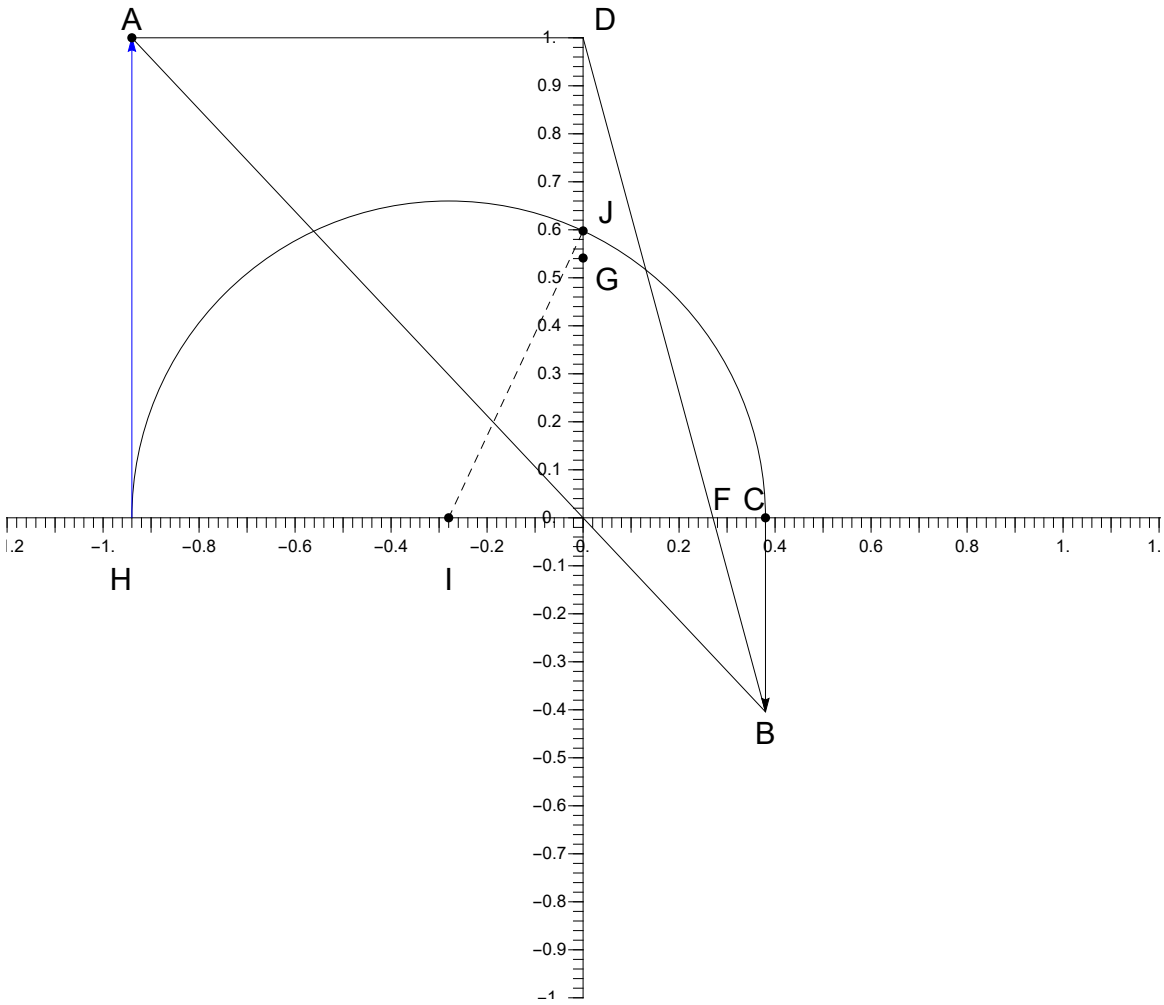
Velika logična pošast



Aritmetična, geometrična in harmonična sredina

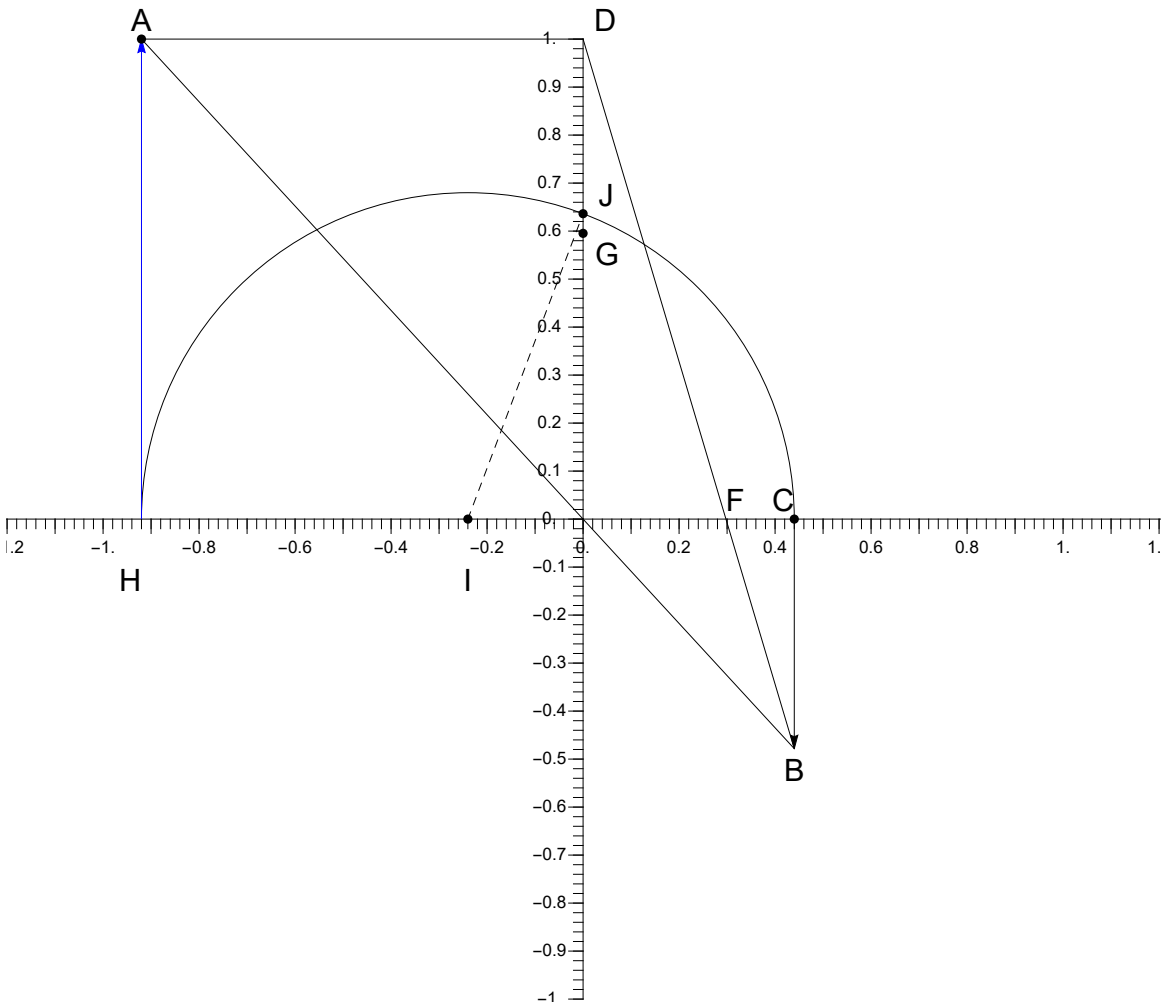
Dani sta daljici a=|HO|=|AD| in b=|OC|, kjer je O izhodišče.
Slika prikazuje konstrukcijo treh sredin.
Aritmetimetično sredino |HI| določa razpolovišče I daljice HC.
Geometrično sredino |JO| določa točka J,
ki je presečišče krožnice s središčem v I in radijem $(a+b)/2$.
Točka F je presek daljice DB z vodoravno osjo.
Harmonična sredina je |OG|=2|OF|.
Odčitane vrednosti primerjaj z izračunanim,
kjer računaš na 2 decimalki.

1.



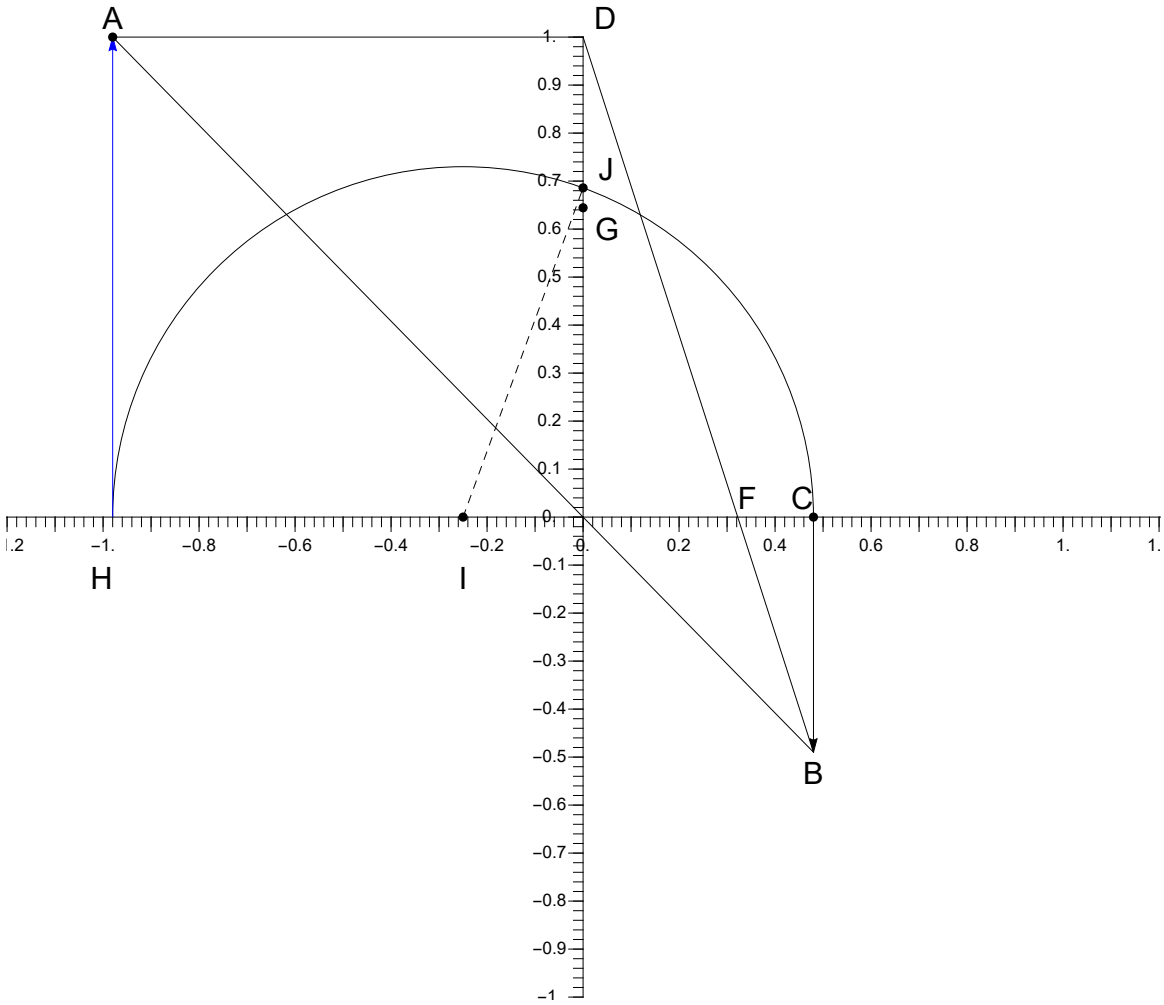
a=|HO|	b=|CO|	$(a+b)/2$=|IH|=|IJ|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.94	0.38			

2.



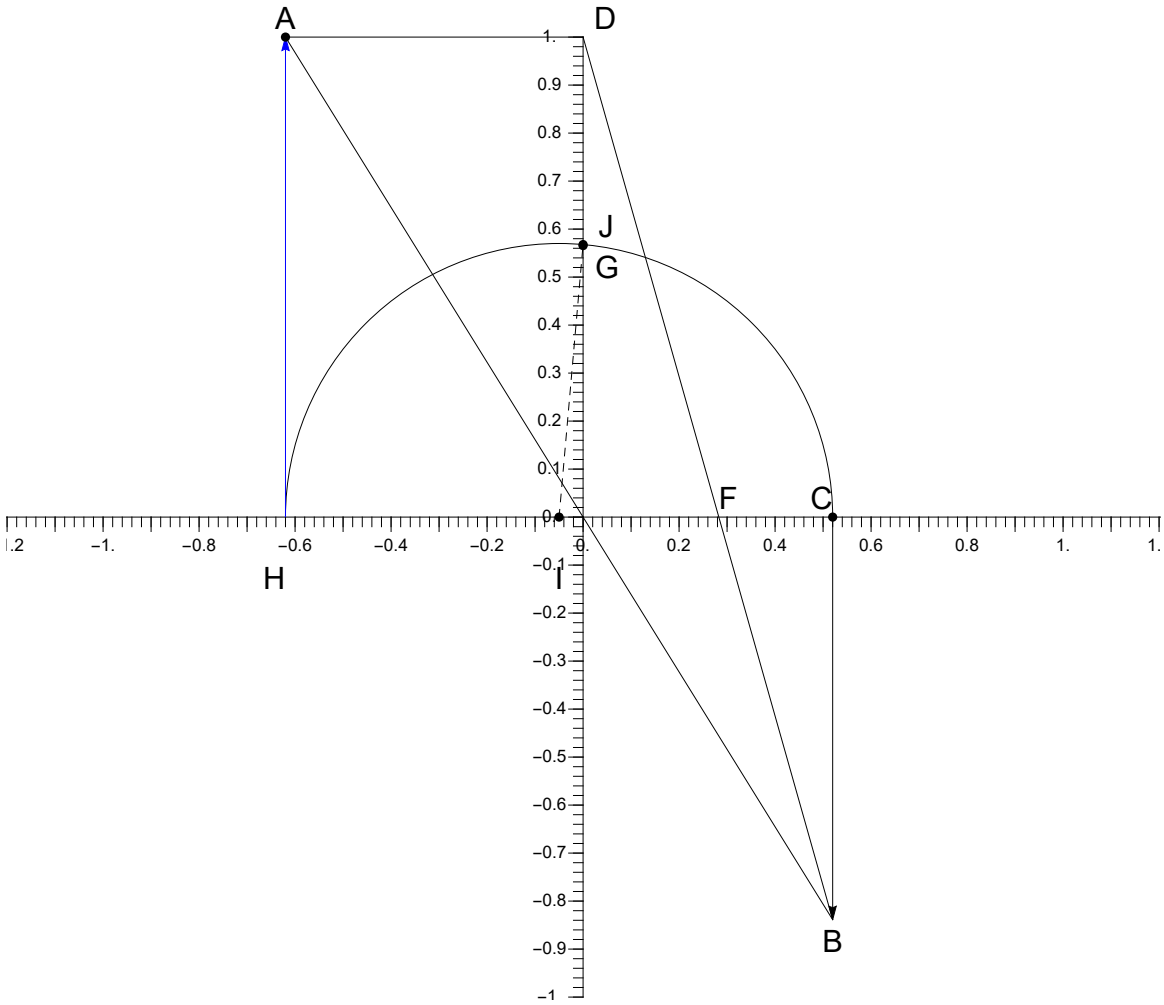
a=|HO|	b=|CO|	$(a+b)/2$=|IH|=|IJ|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.92	0.44			

3.



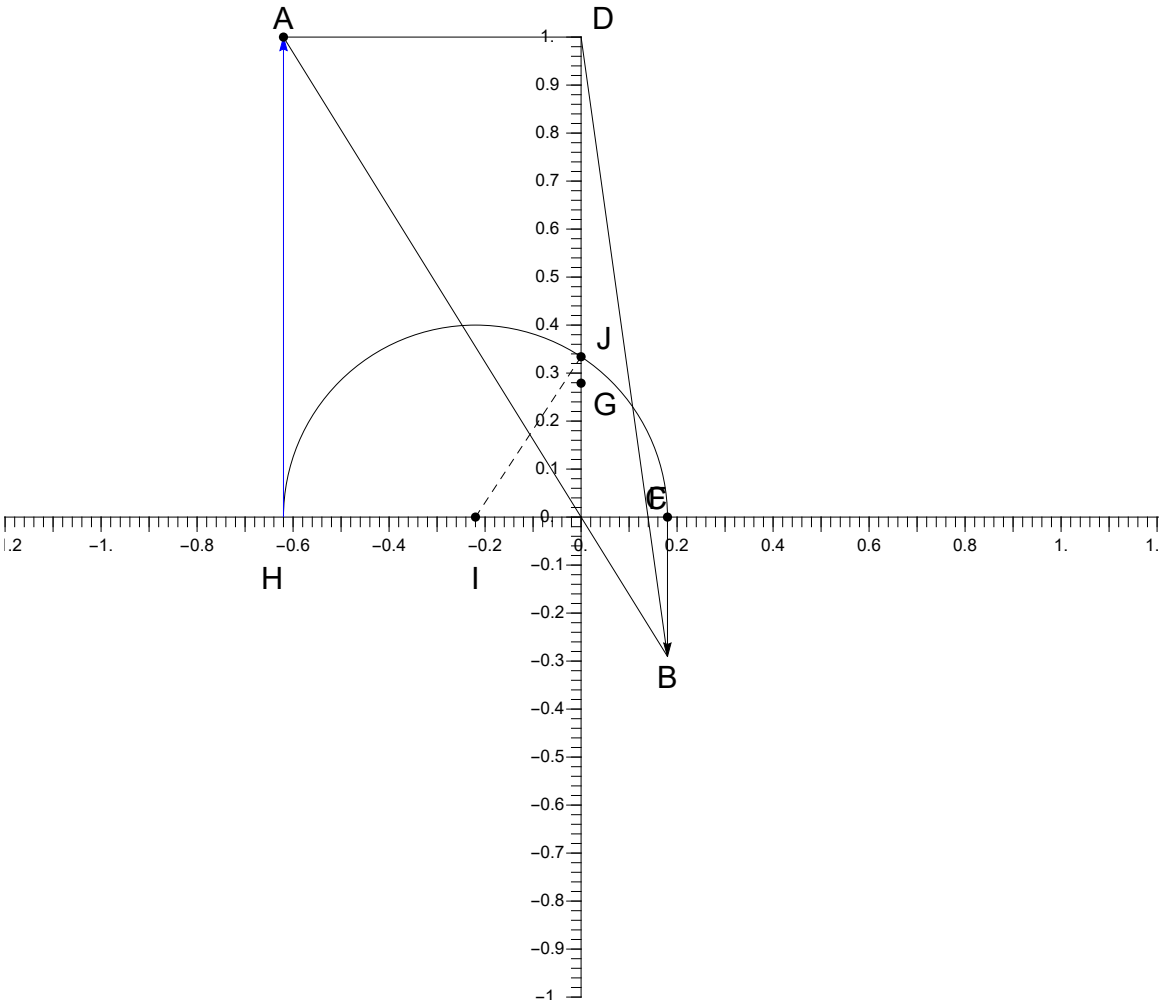
a=|HO|	b=|CO|	$(a+b)/2$=|IH|=|IJ|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.98	0.48			

4.



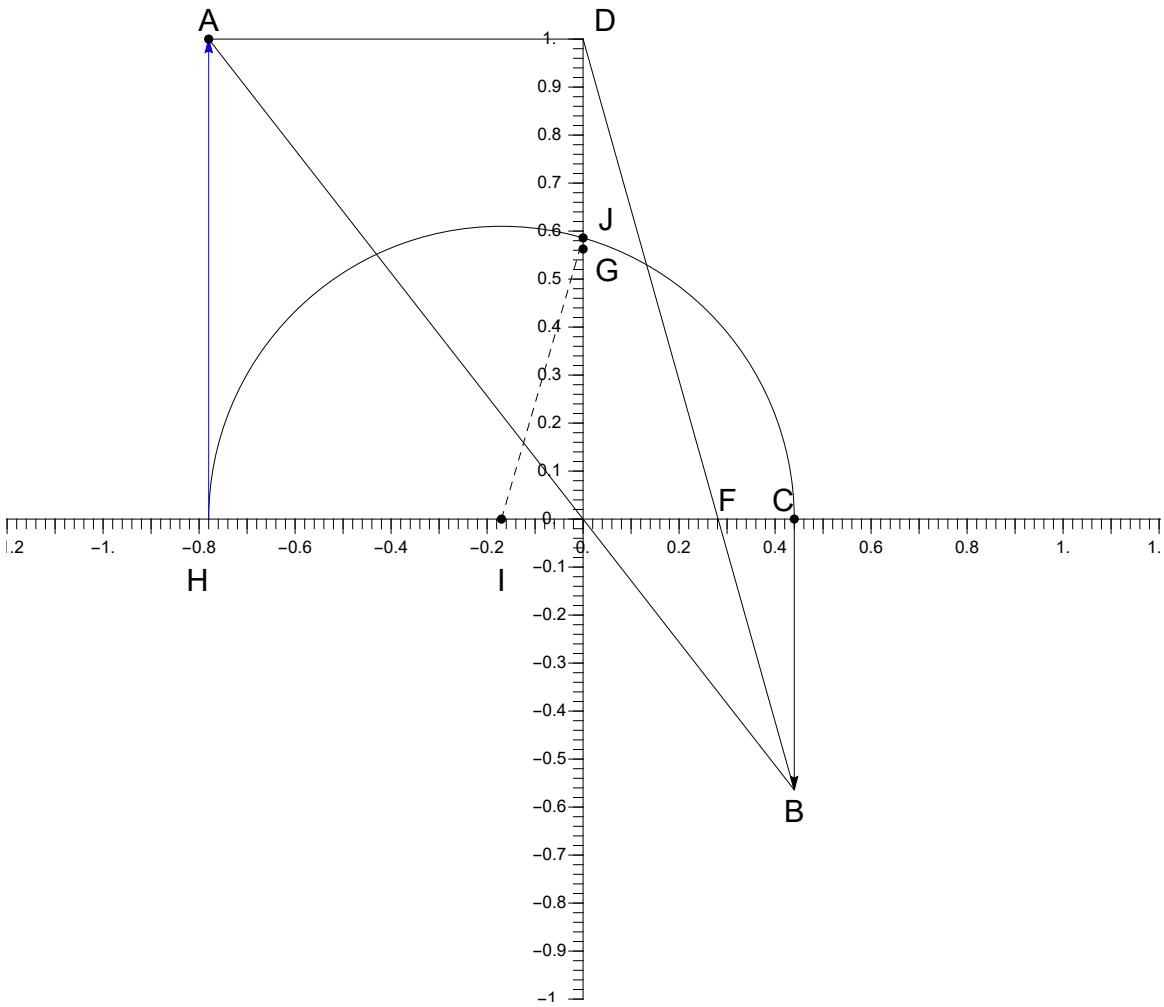
a=|HO|	b=|CO|	$(a+b)/2$=|IH|=|IJ|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.62	0.52			

5.



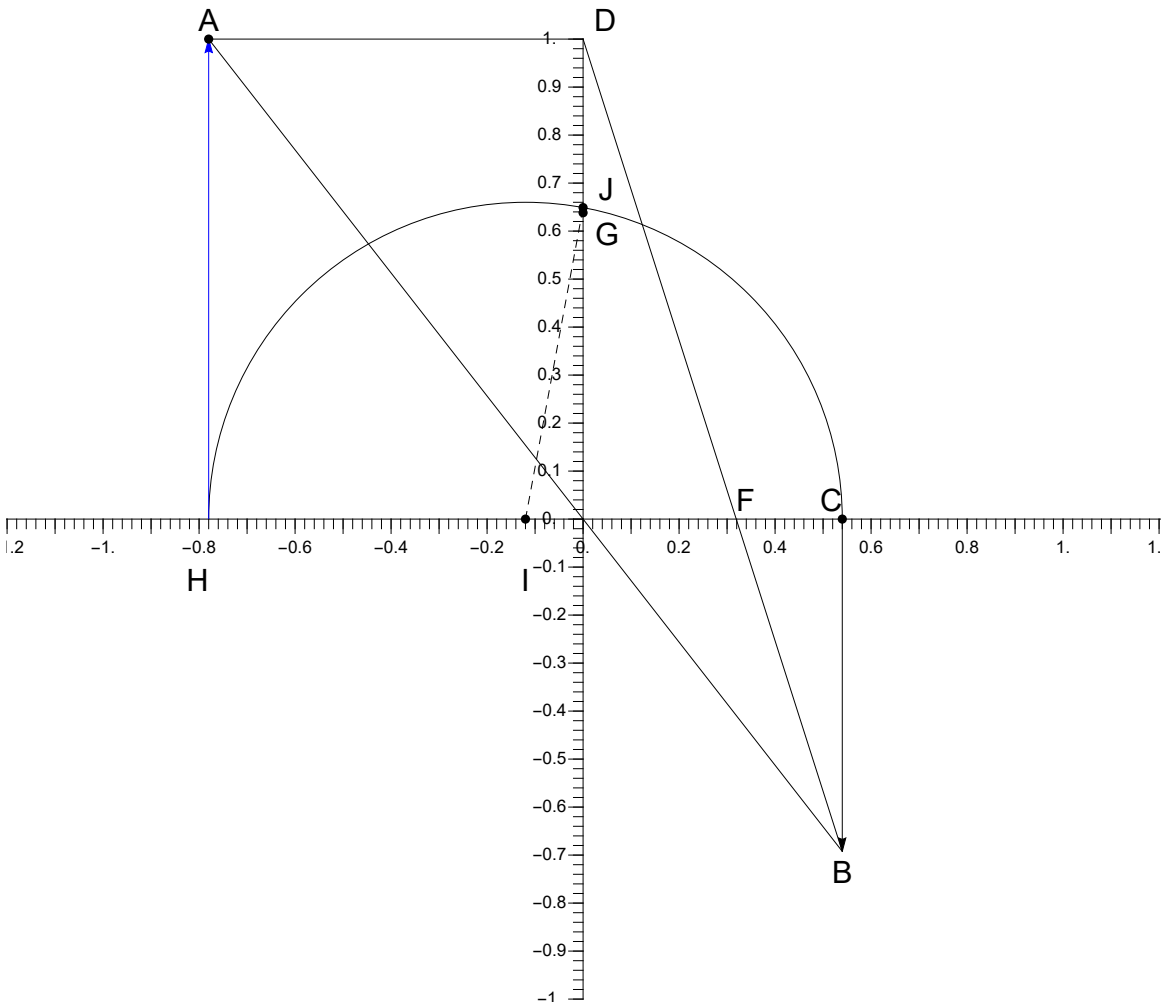
a=|HO|	b=|CO|	$(a+b)/2$=|IH|=|IJ|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.62	0.18			

6.



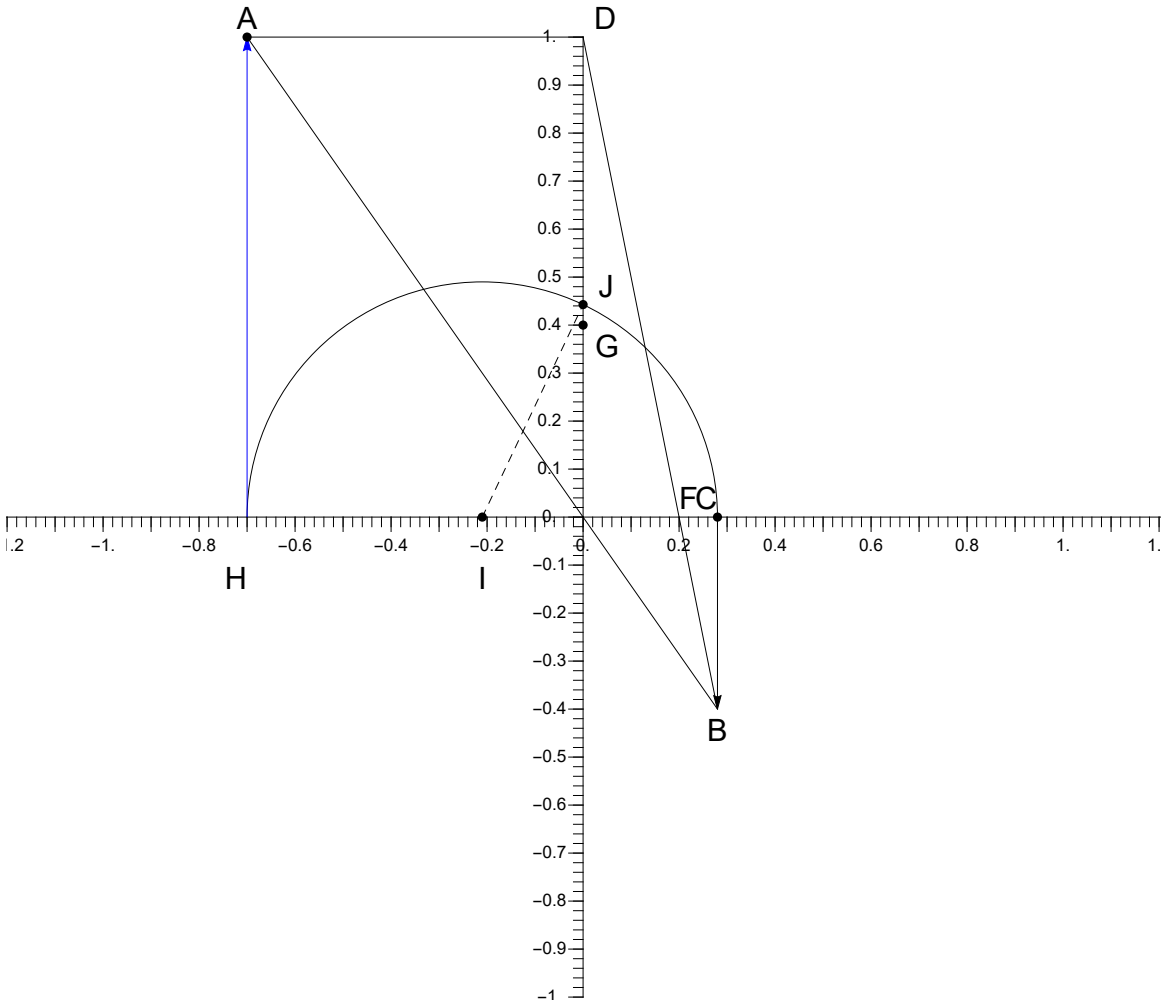
a=|HO|	b=|CO|	$(a+b)/2$=|IH|=|IJ|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.78	0.44			

7.



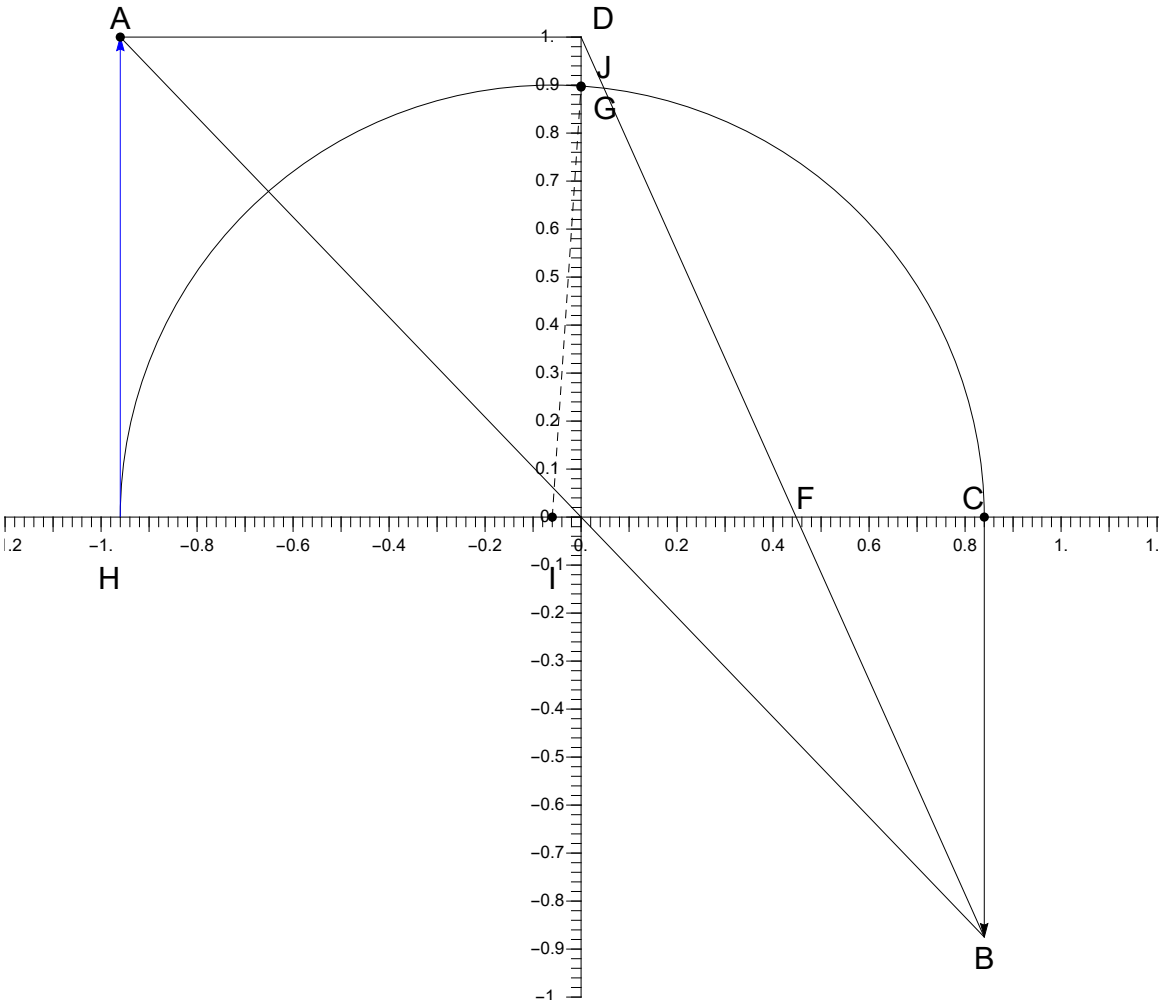
a=|HO|	b=|CO|	$(a+b)/2$=|IH|=|IJ|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.78	0.54			

8.



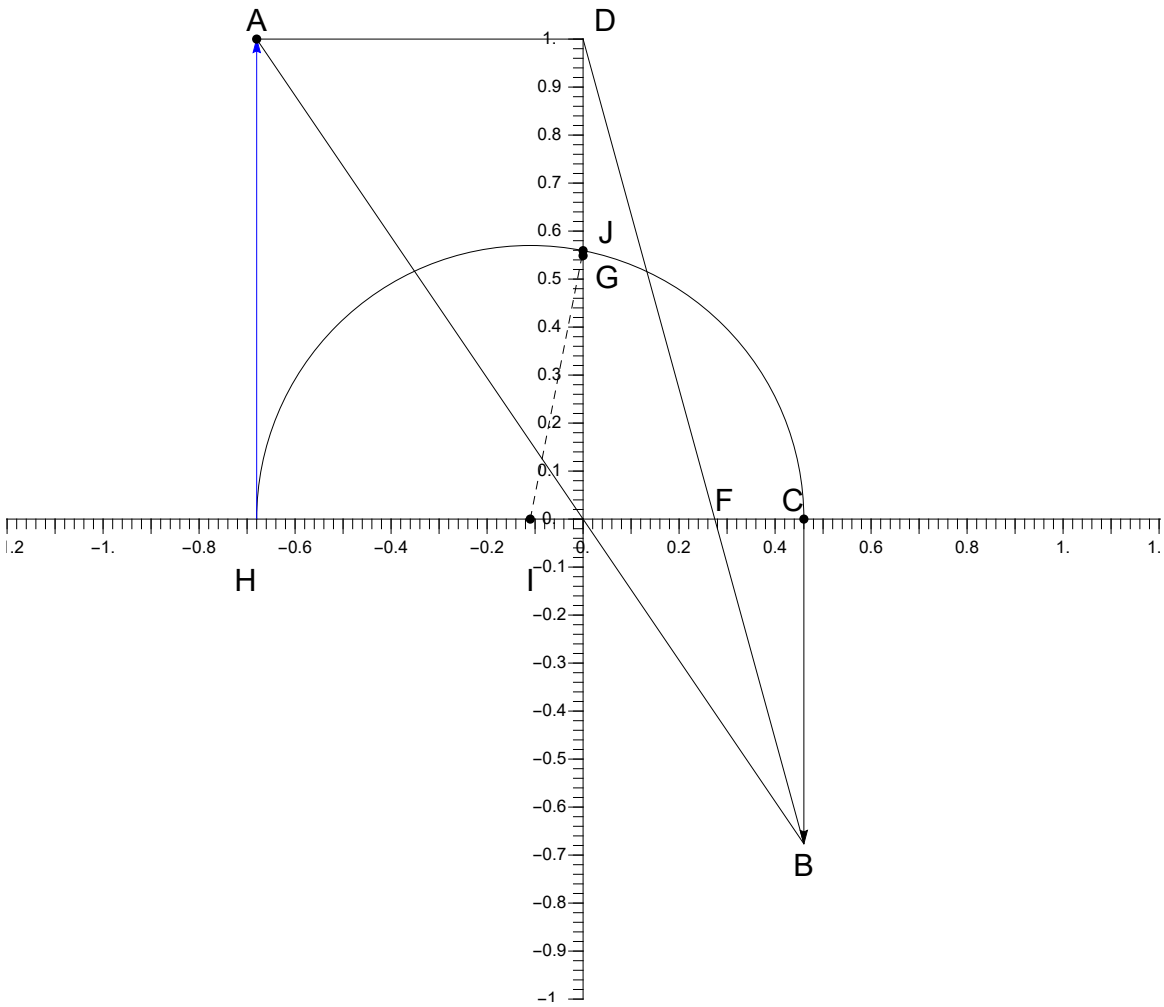
a=|HO|	b=|CO|	$(a+b)/2$=|IH|=|IJ|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.7	0.28			

9.



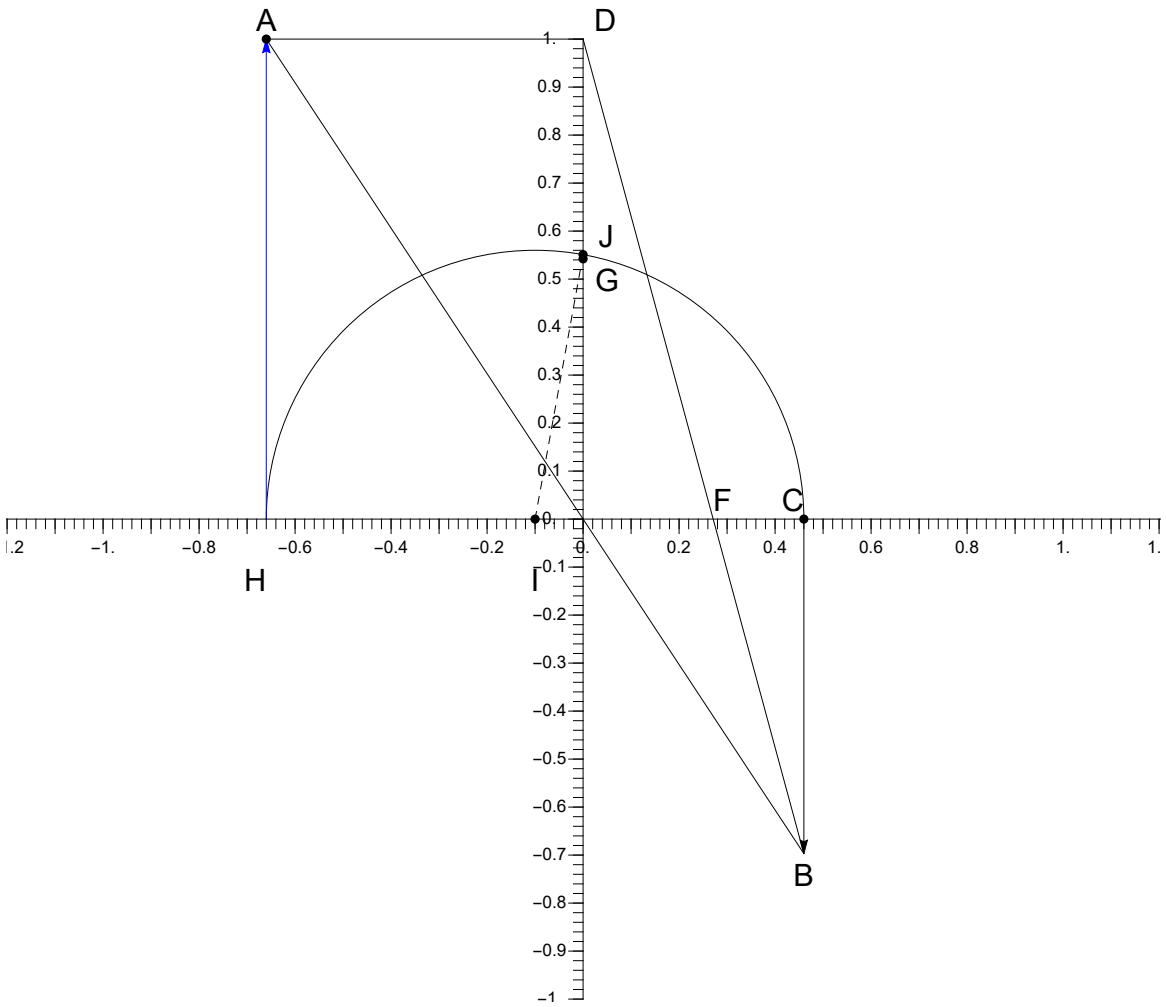
a=|HO|	b=|CO|	$(a+b)/2$=|IH|=|IJ|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.96	0.84			

10.



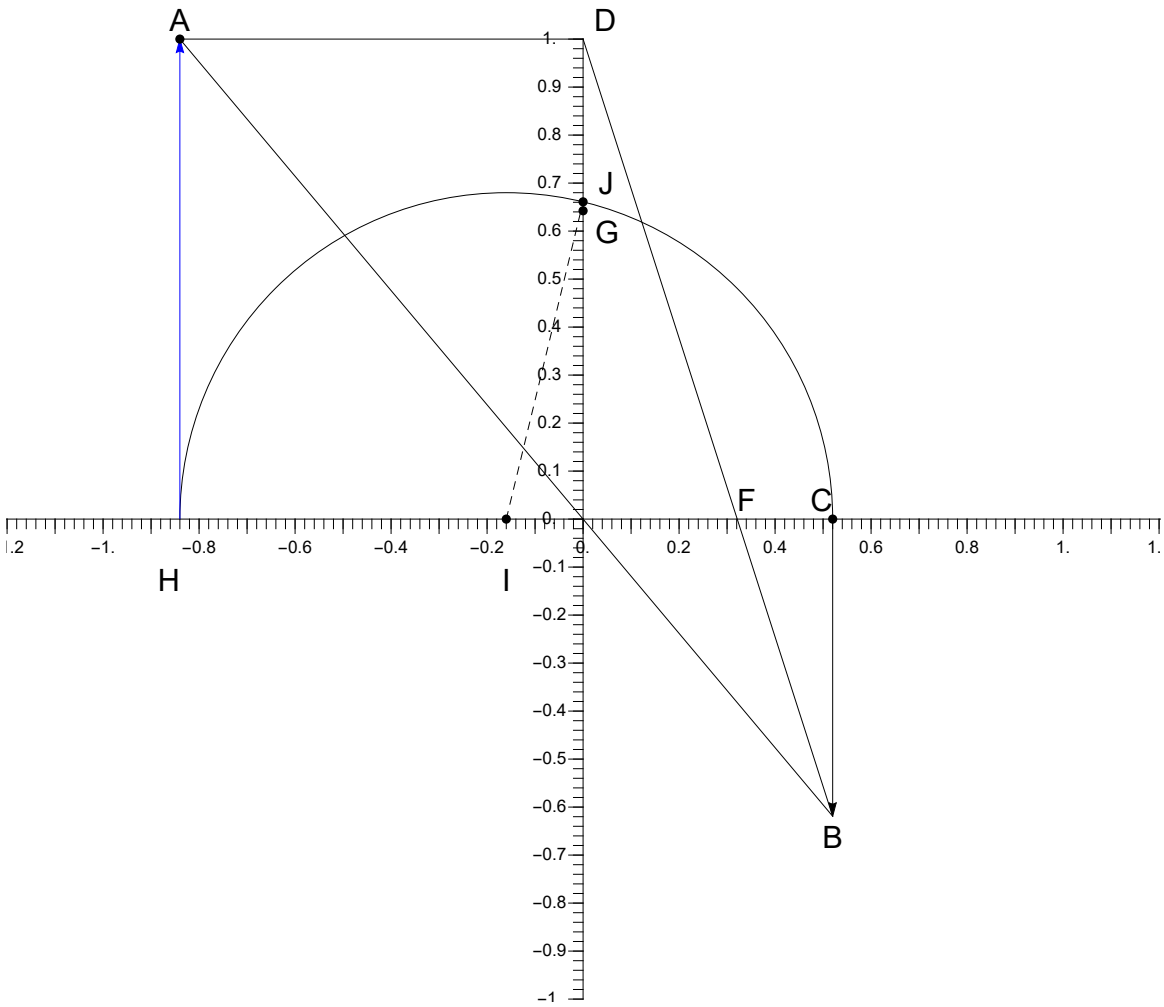
a=|HO|	b=|CO|	$(a+b)/2$=|IH|=|IJ|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.68	0.46			

11.



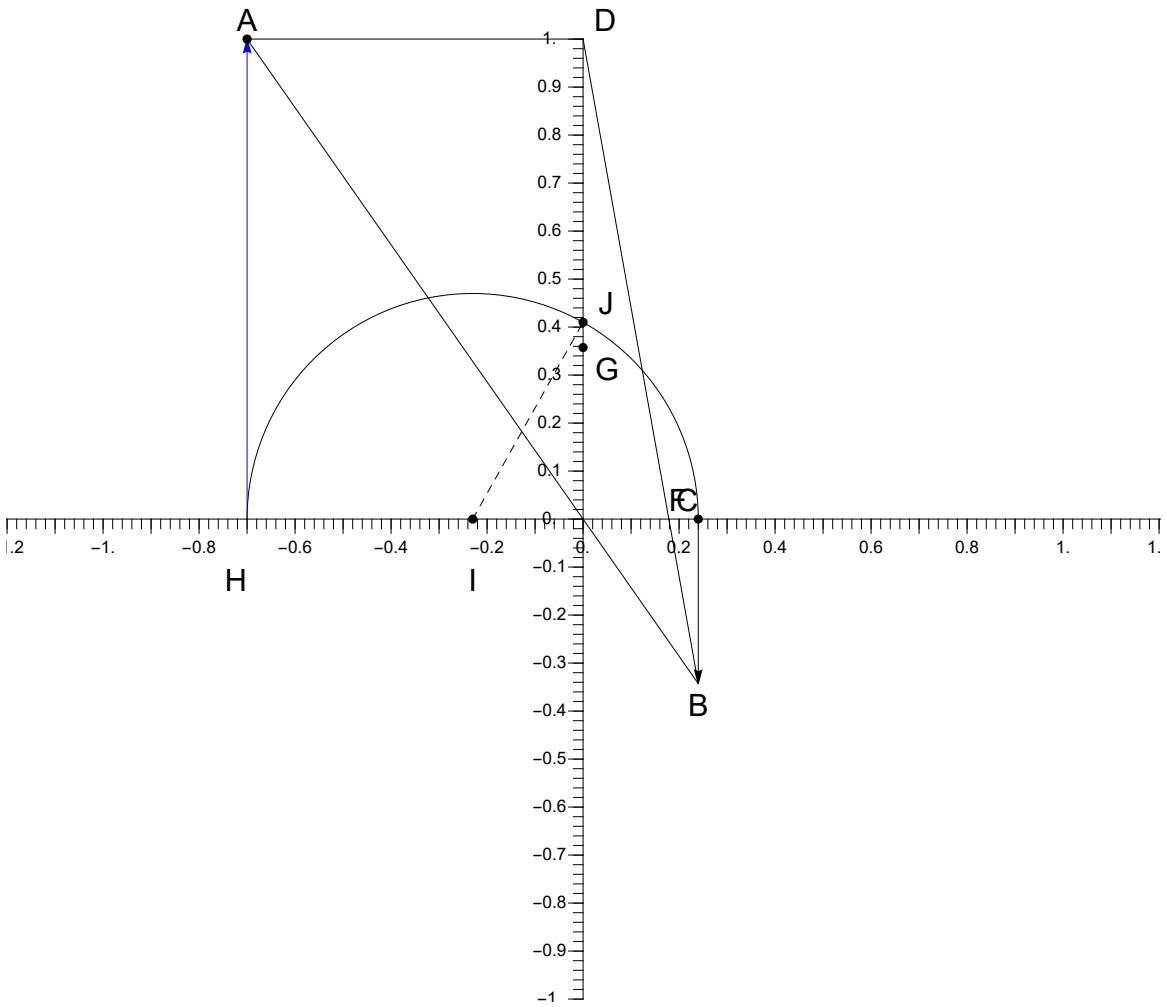
a=|HO|	b=|CO|	$(a+b)/2$=|IH|=|IJ|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.66	0.46			

12.



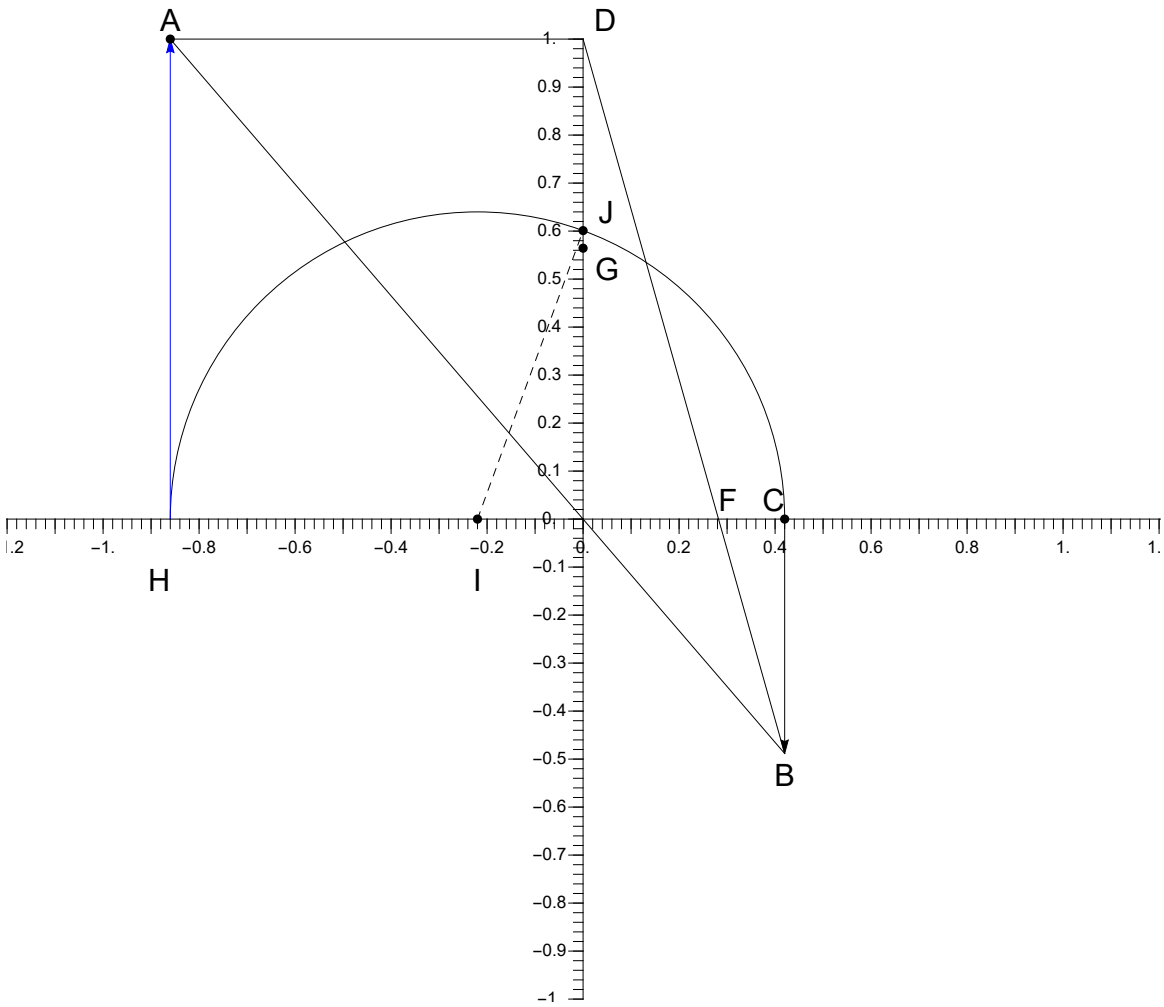
a=|HO|	b=|CO|	$(a+b)/2$=|IH|=|IJ|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.84	0.52			

13.



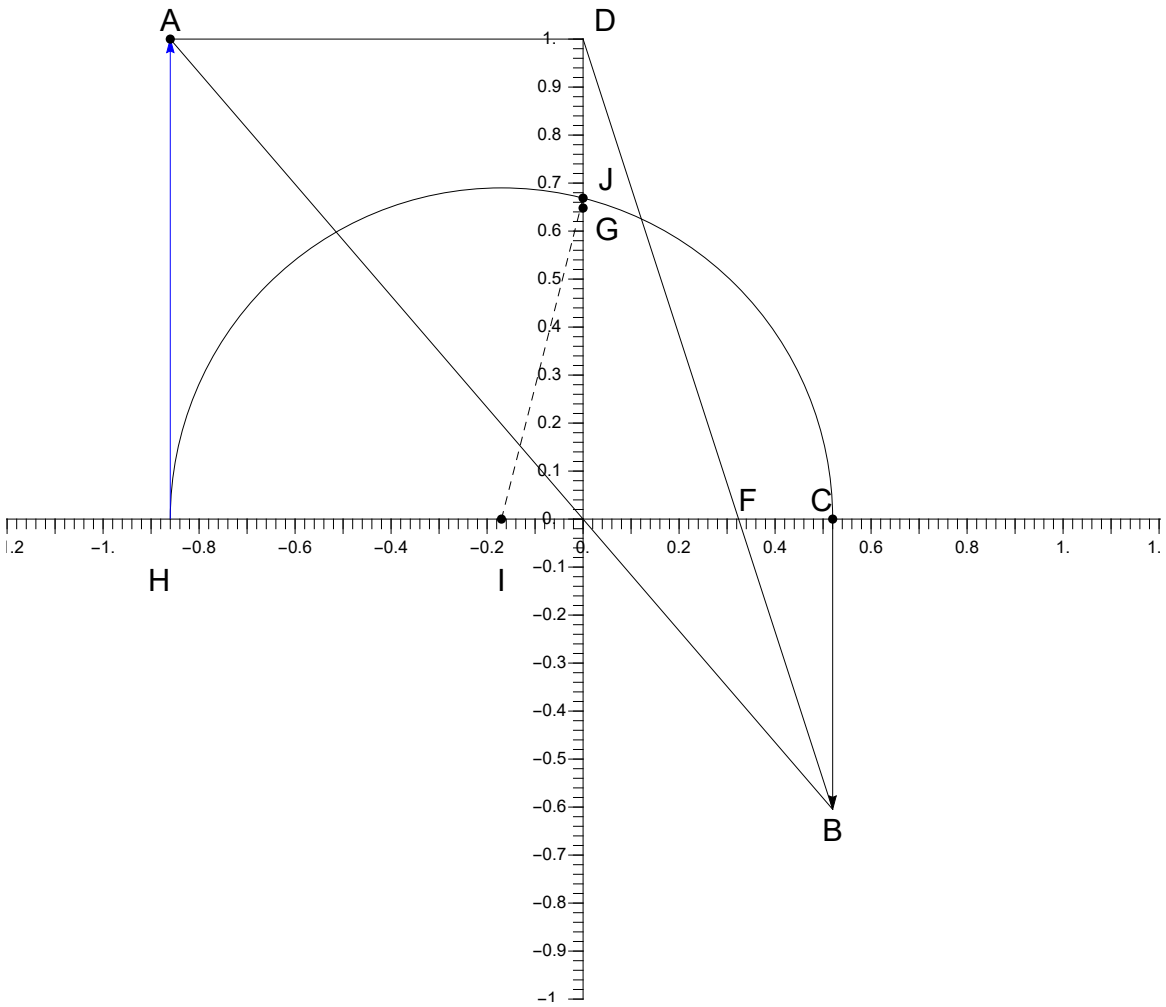
a=|HO|	b=|CO|	$(a+b)/2$=|IH|=|IJ|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.7	0.24			

14.



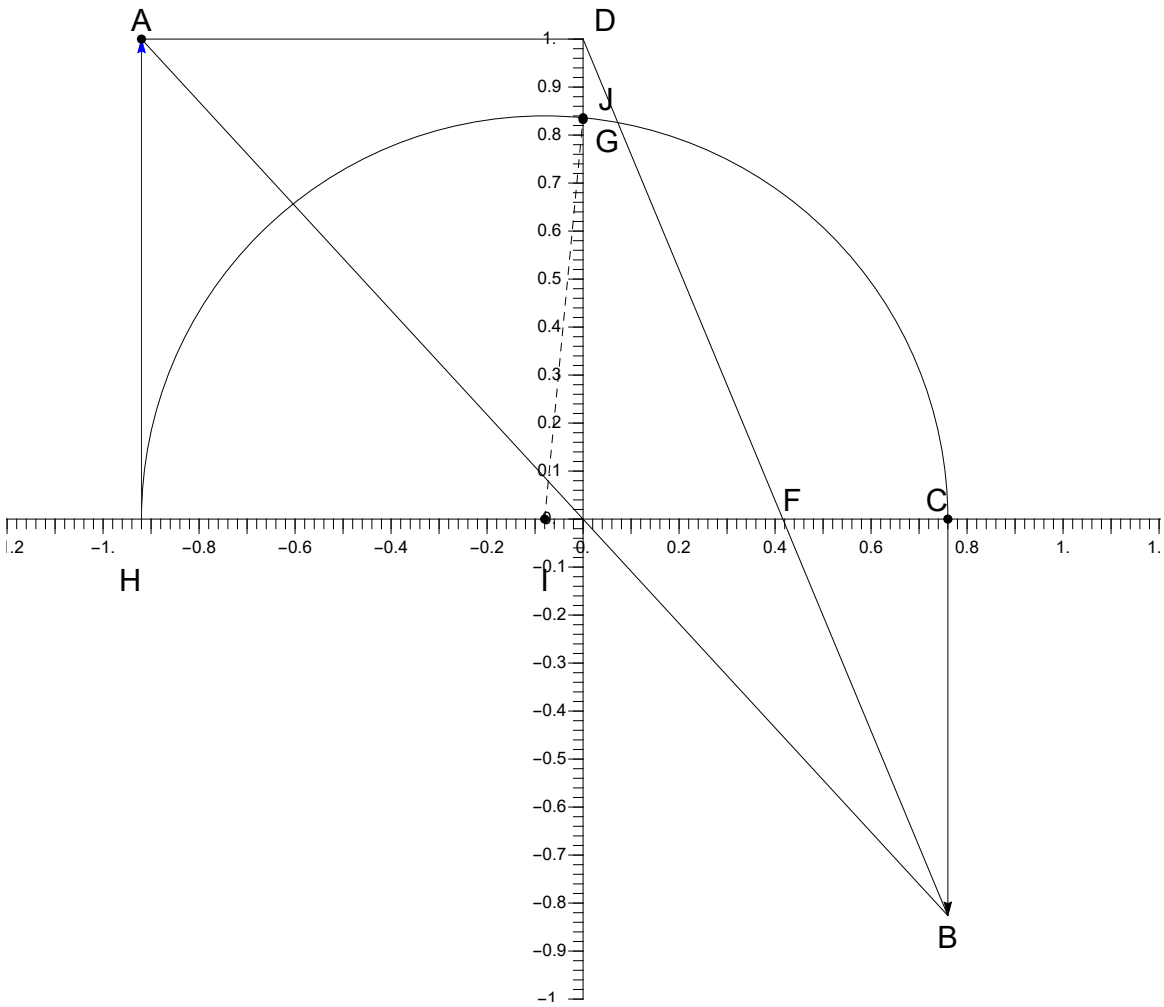
a=|HO|	b=|CO|	$(a+b)/2$=|IH|=|IJ|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.86	0.42			

15.



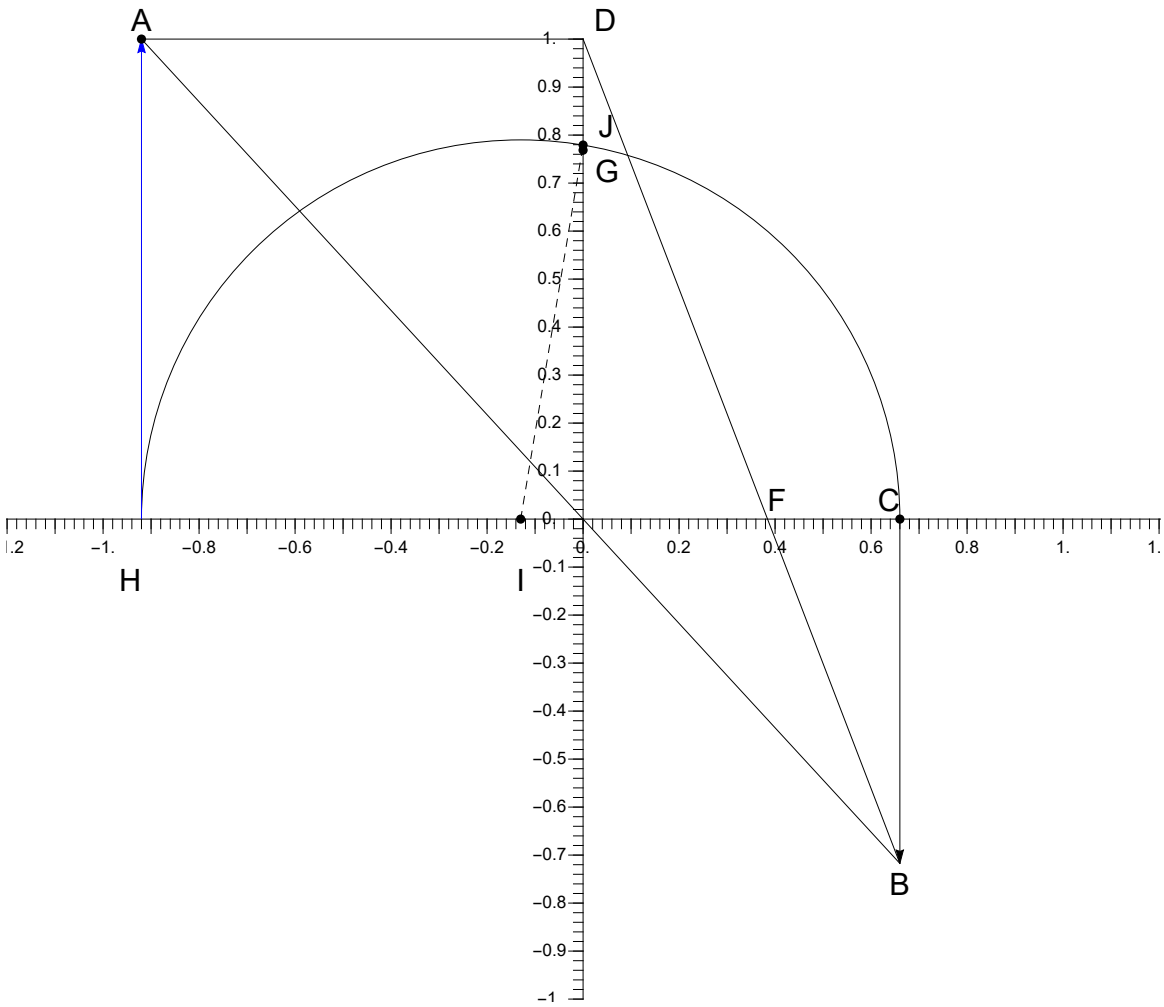
a=|HO|	b=|CO|	$(a+b)/2$=|IH|=|IJ|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.86	0.52			

16.



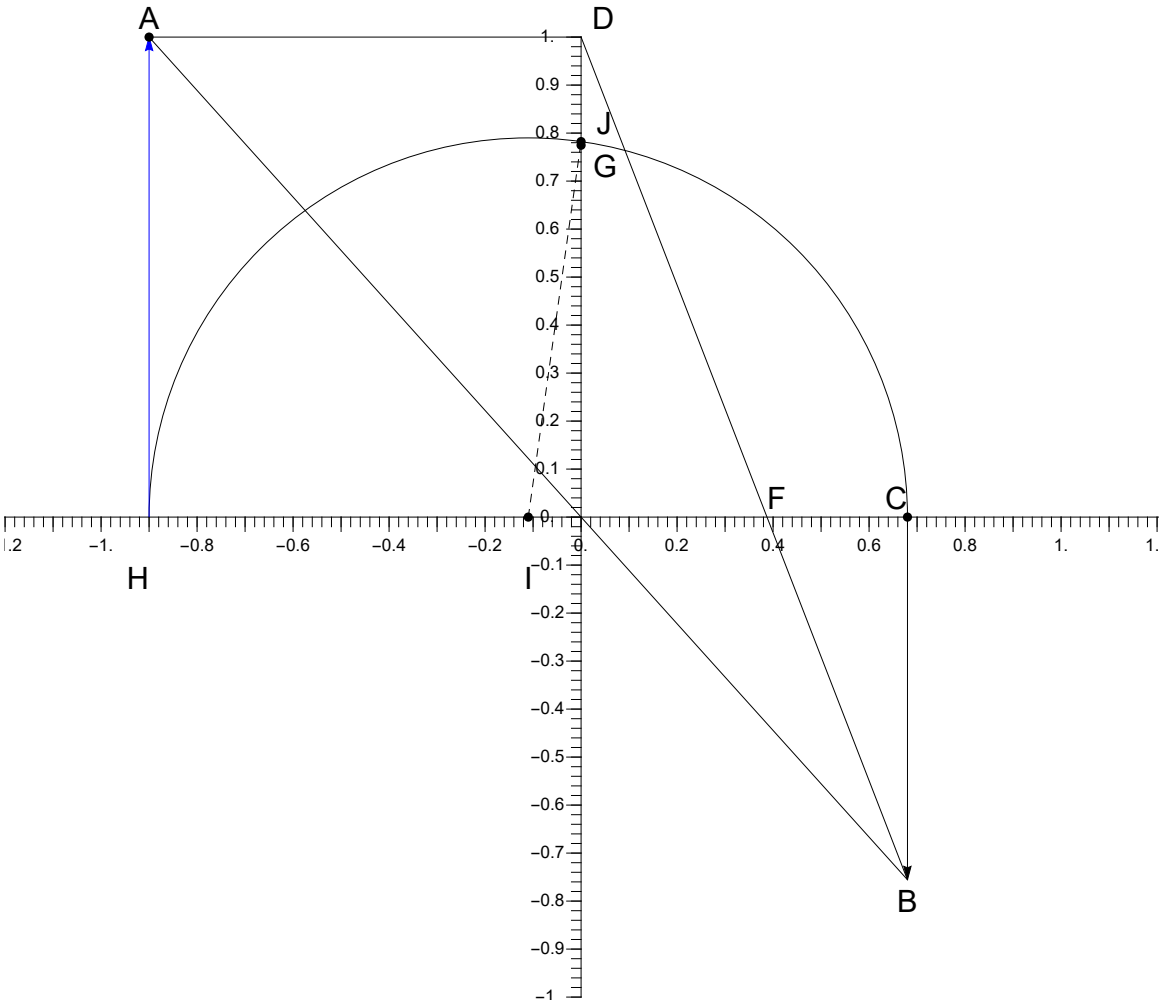
a=|HO|	b=|CO|	$(a+b)/2$=|IH|=|IJ|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.92	0.76			

17.



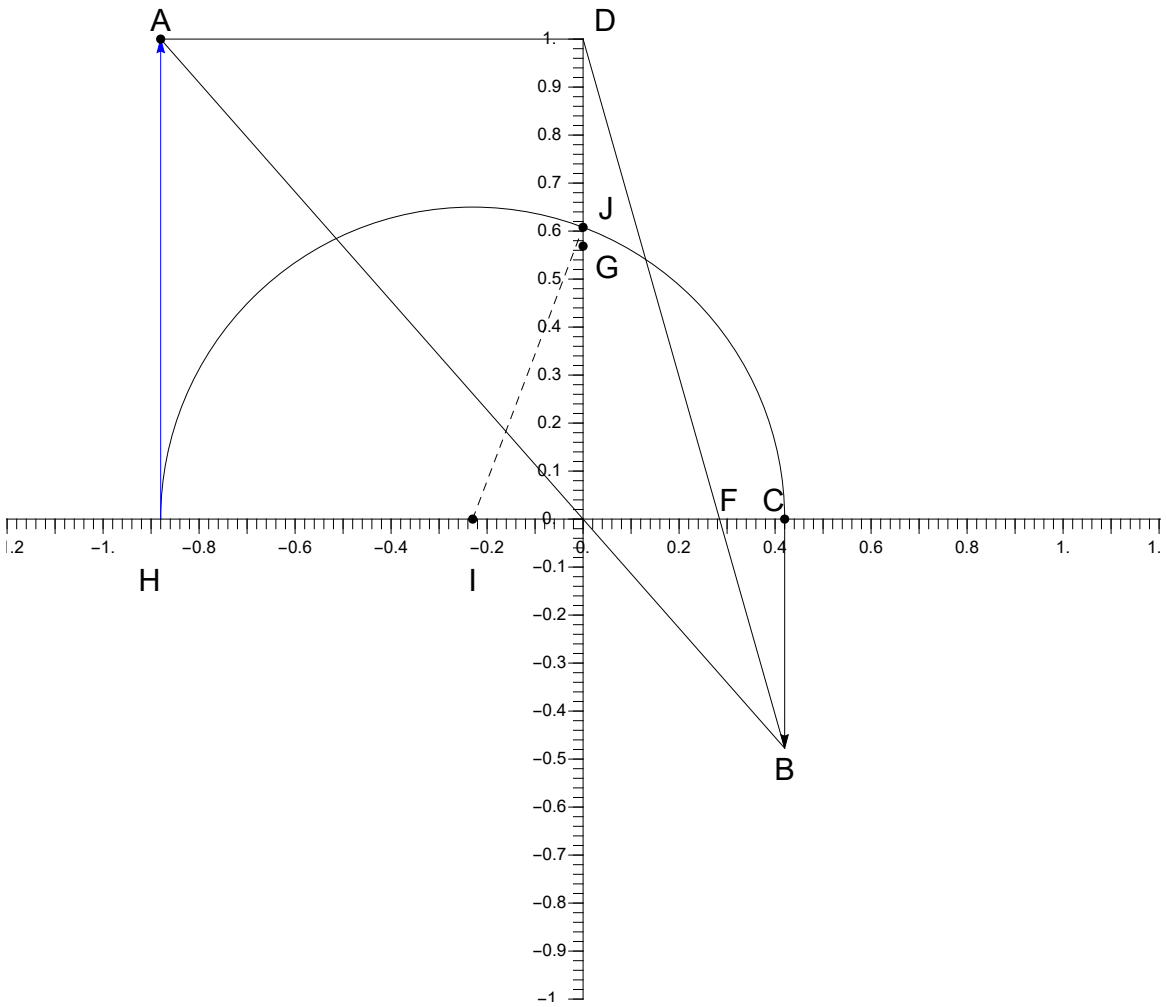
a=|HO|	b=|CO|	$(a+b)/2$=|IH|=|IJ|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.92	0.66			

18.



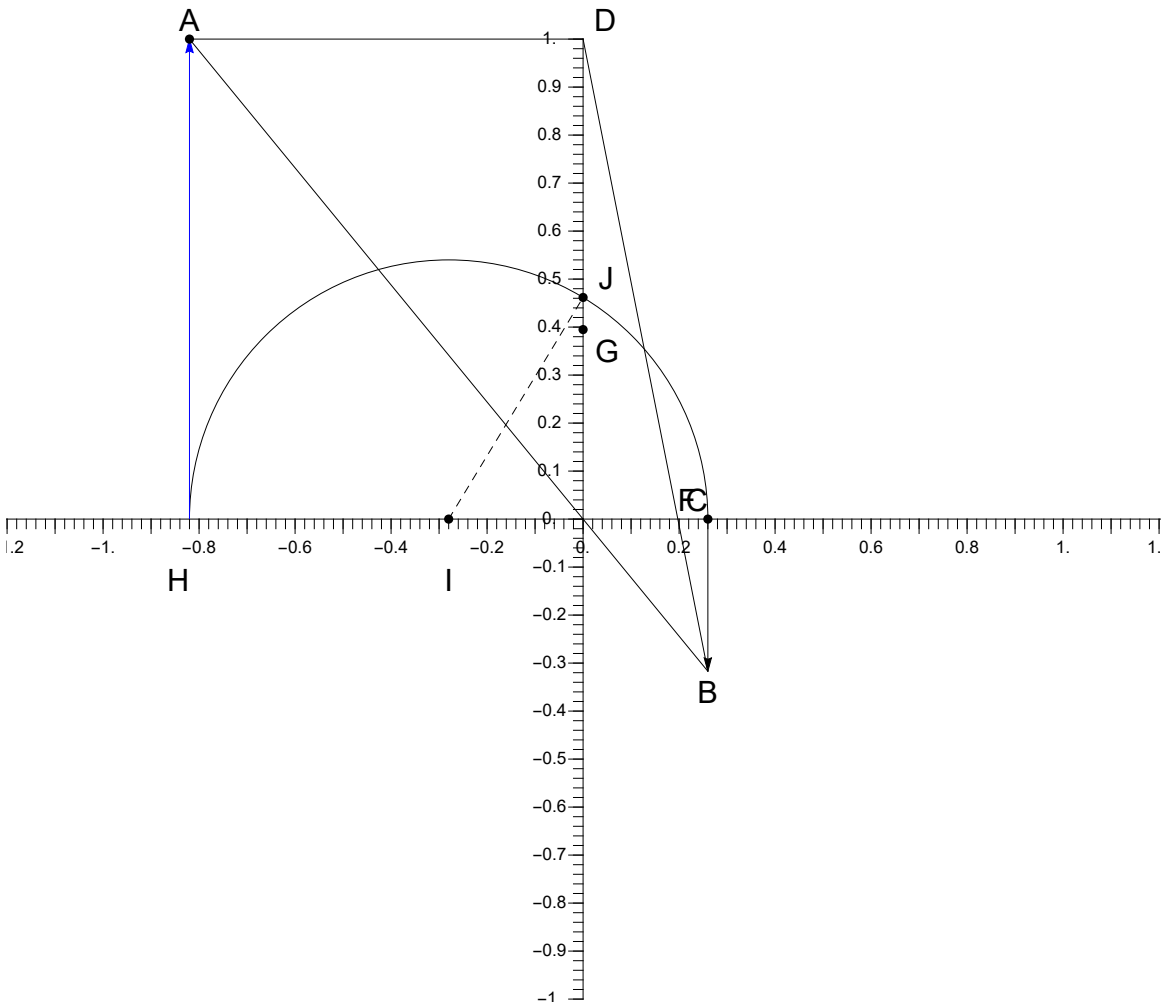
a=|HO|	b=|CO|	$(a+b)/2$=|IH|=|IJ|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.9	0.68			

19.



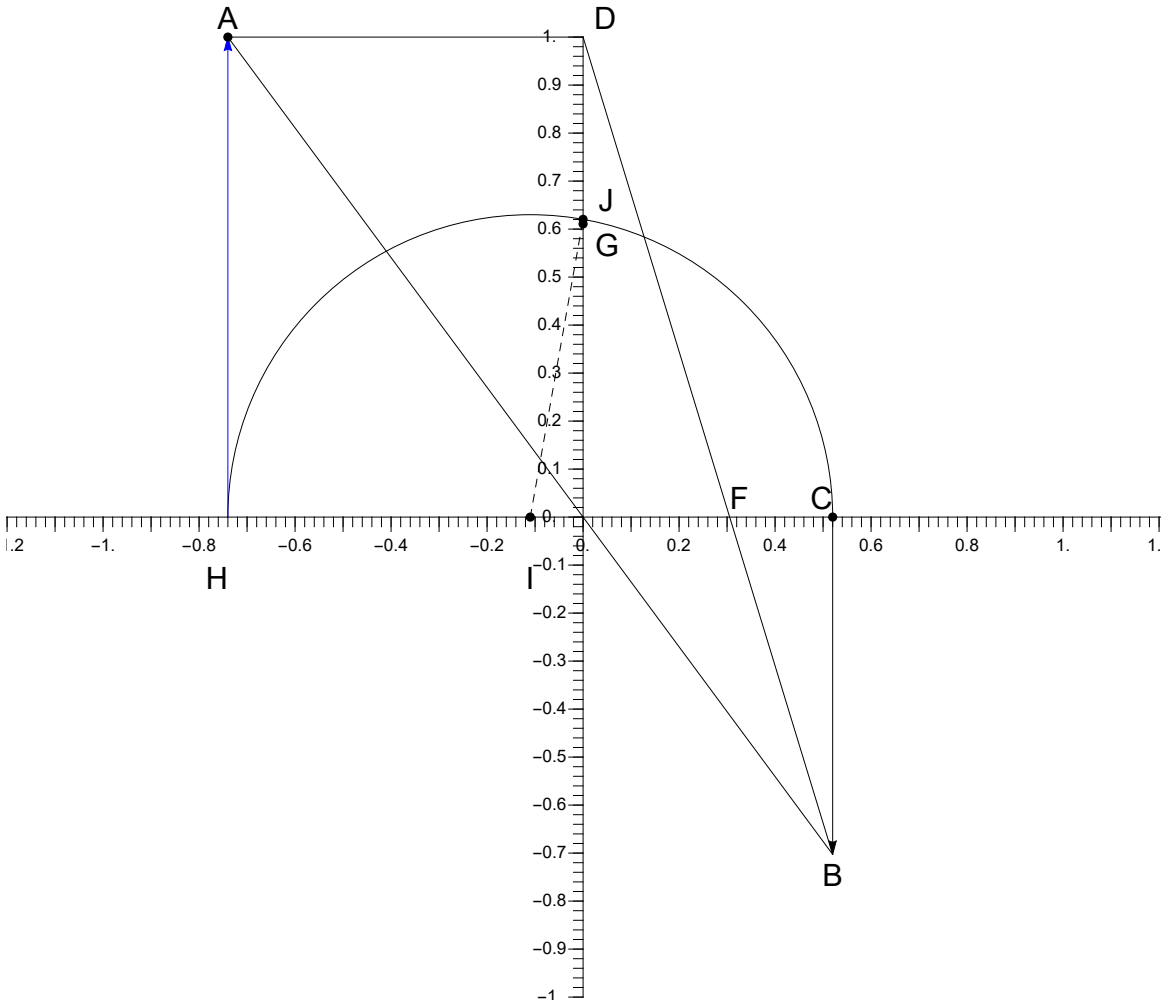
a=|HO|	b=|CO|	$(a+b)/2$=|IH|=|IJ|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.88	0.42			

20.



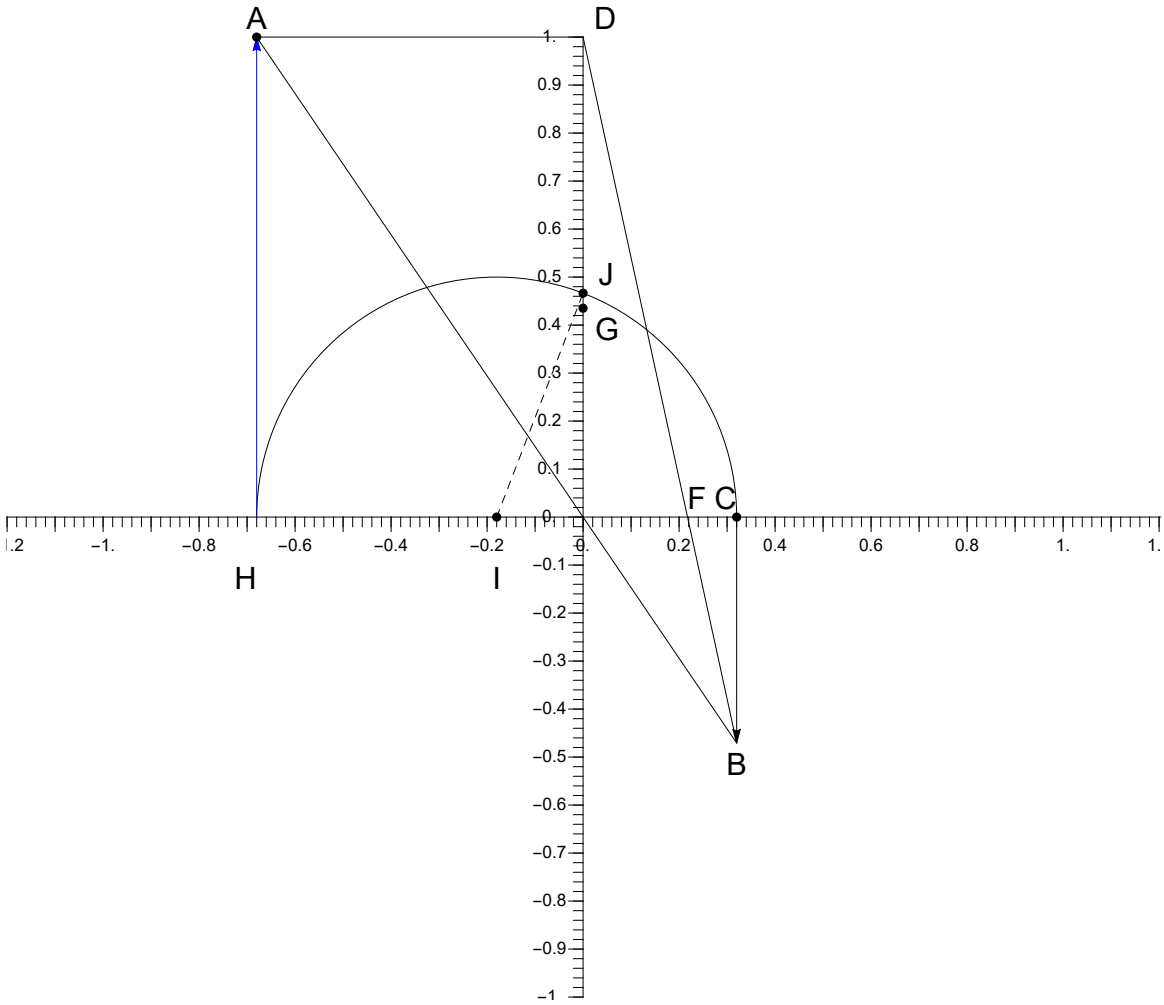
a=|HO|	b=|CO|	$(a+b)/2$=|IH|=|IJ|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.82	0.26			

21.



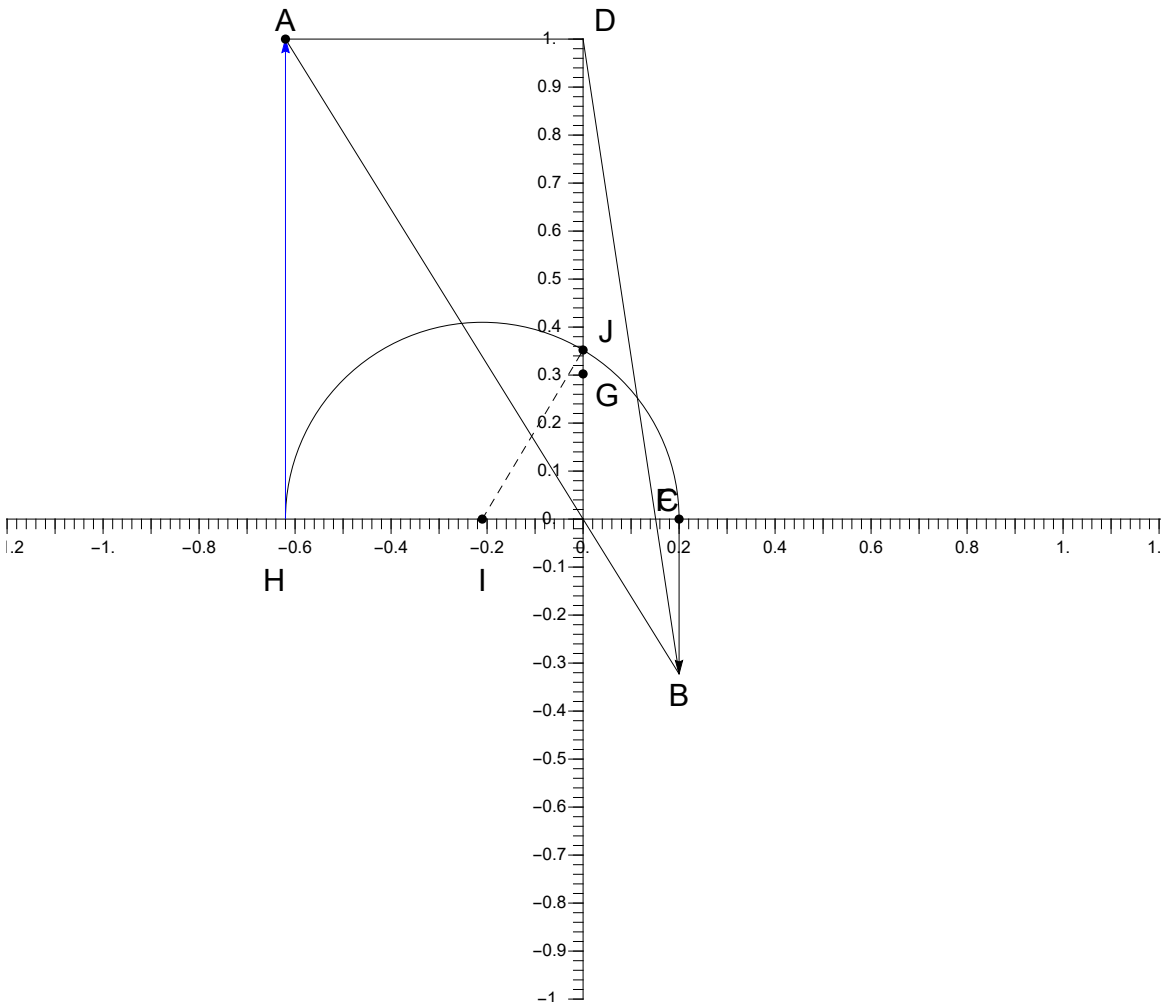
a=|HO|	b=|CO|	$(a+b)/2$=|IH|=|IJ|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.74	0.52			

22.



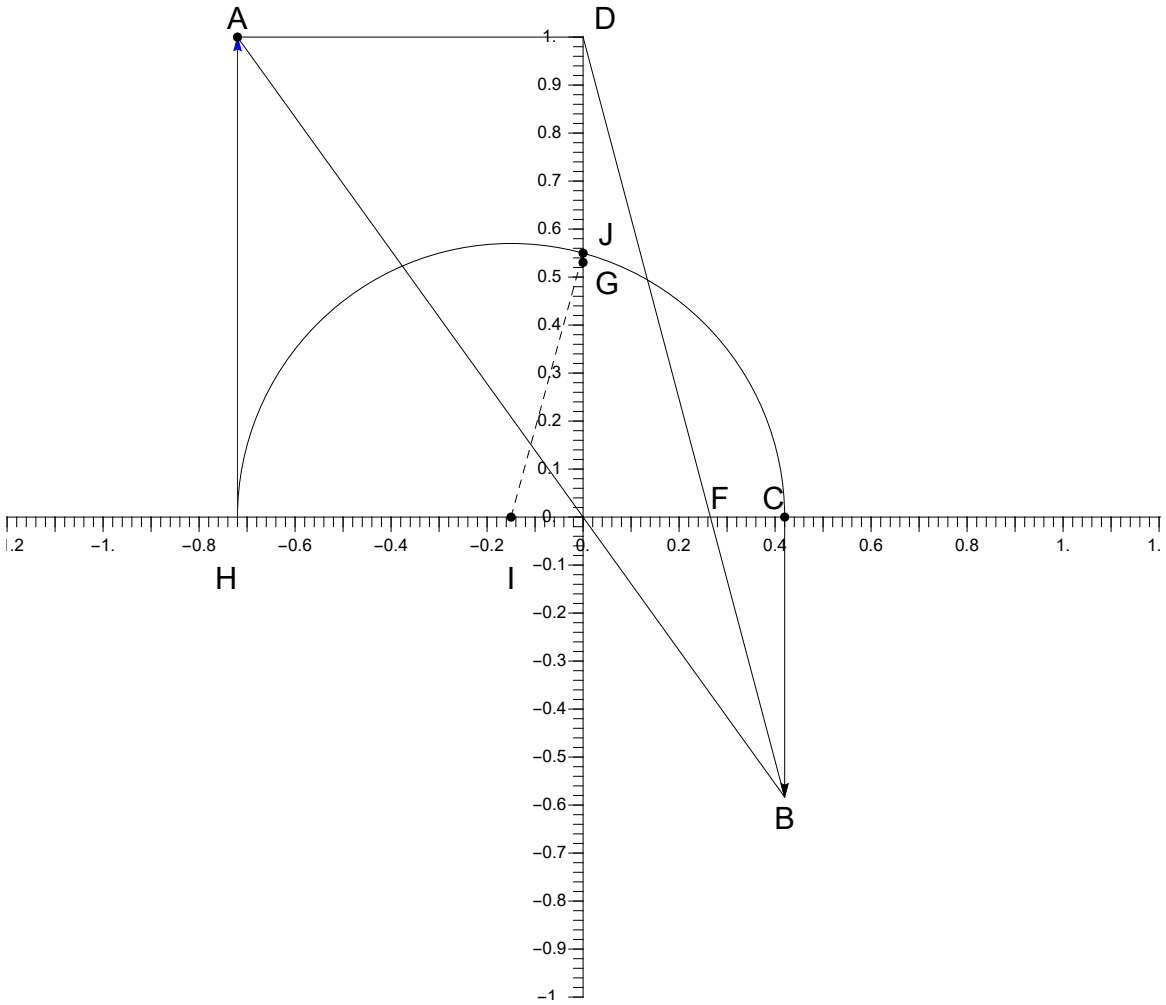
a=|HO|	b=|CO|	$(a+b)/2$=|IH|=|IJ|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.68	0.32			

23.



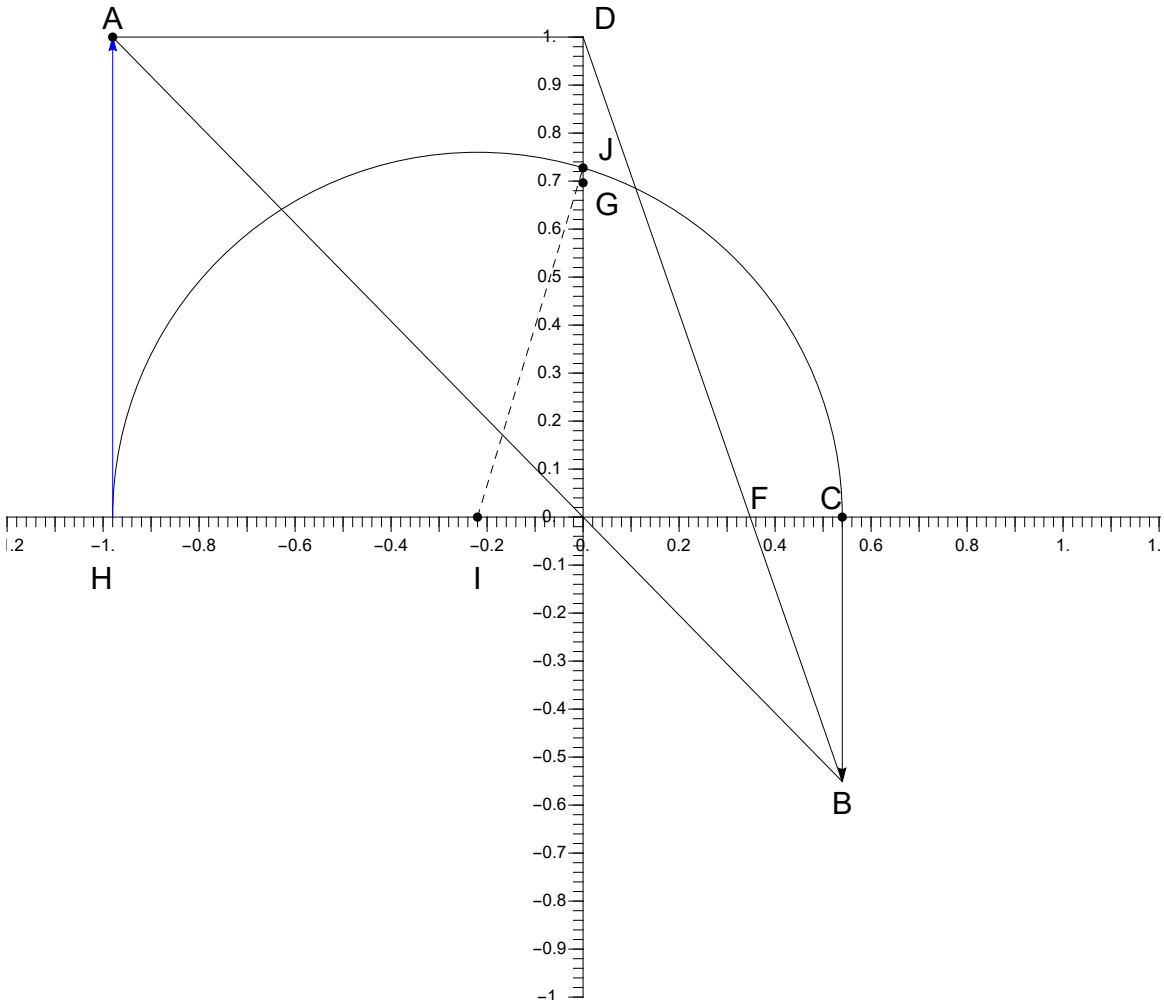
a=|HO|	b=|CO|	$(a+b)/2$=|IH|=|IJ|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.62	0.2			

24.



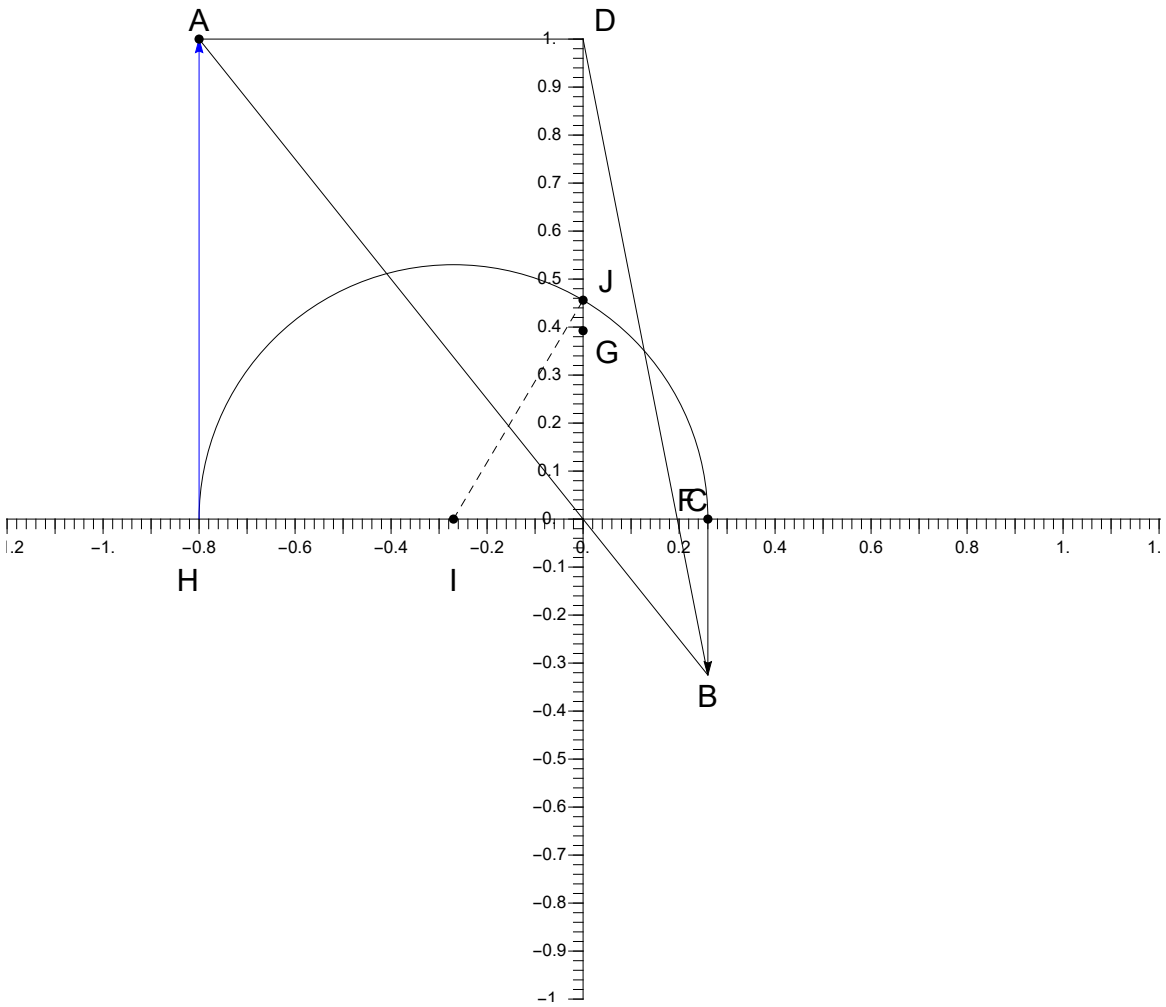
a=|HO|	b=|CO|	$(a+b)/2$=|IH|=|IJ|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.72	0.42			

25.



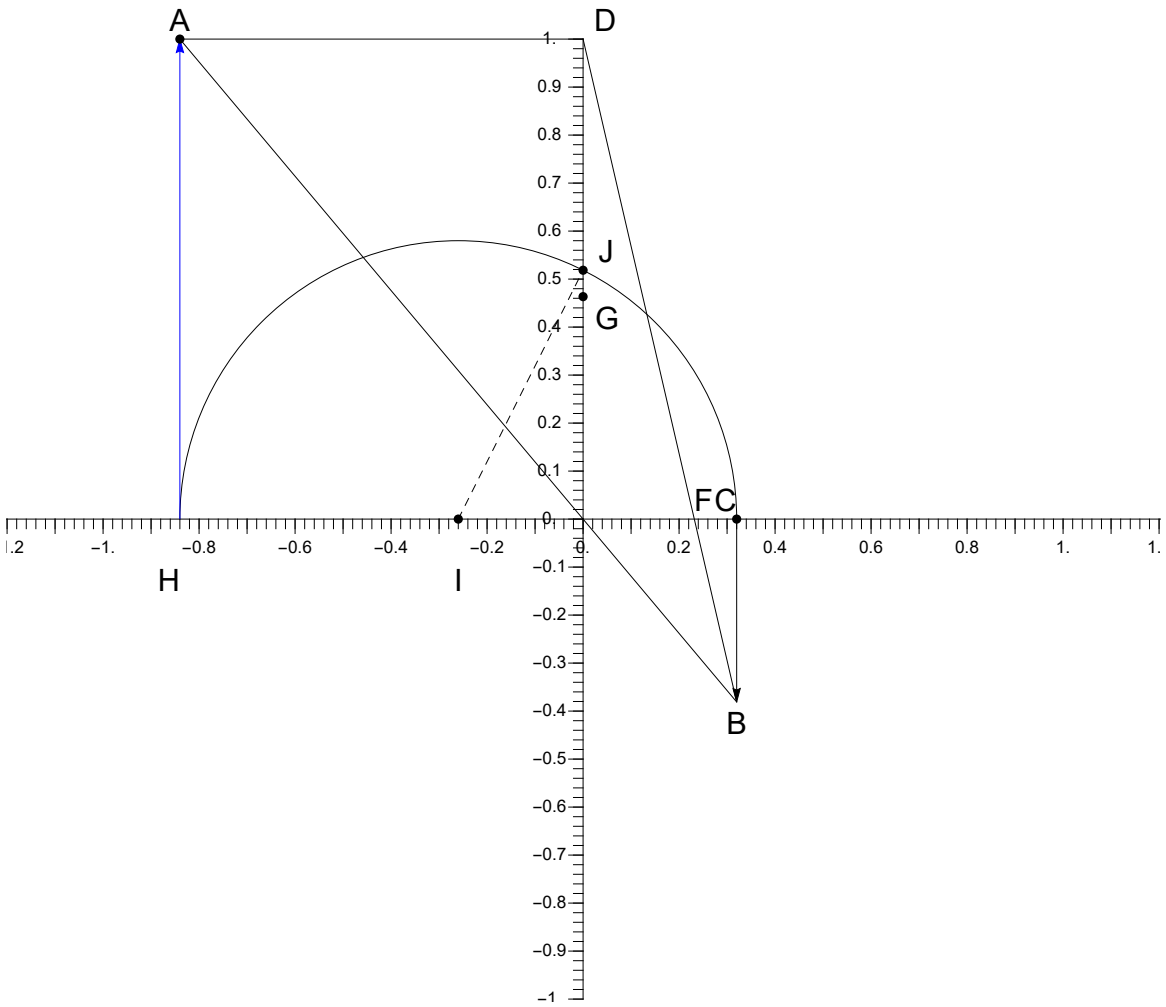
a=|HO|	b=|CO|	$(a+b)/2$=|IH|=|IJ|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.98	0.54			

26.



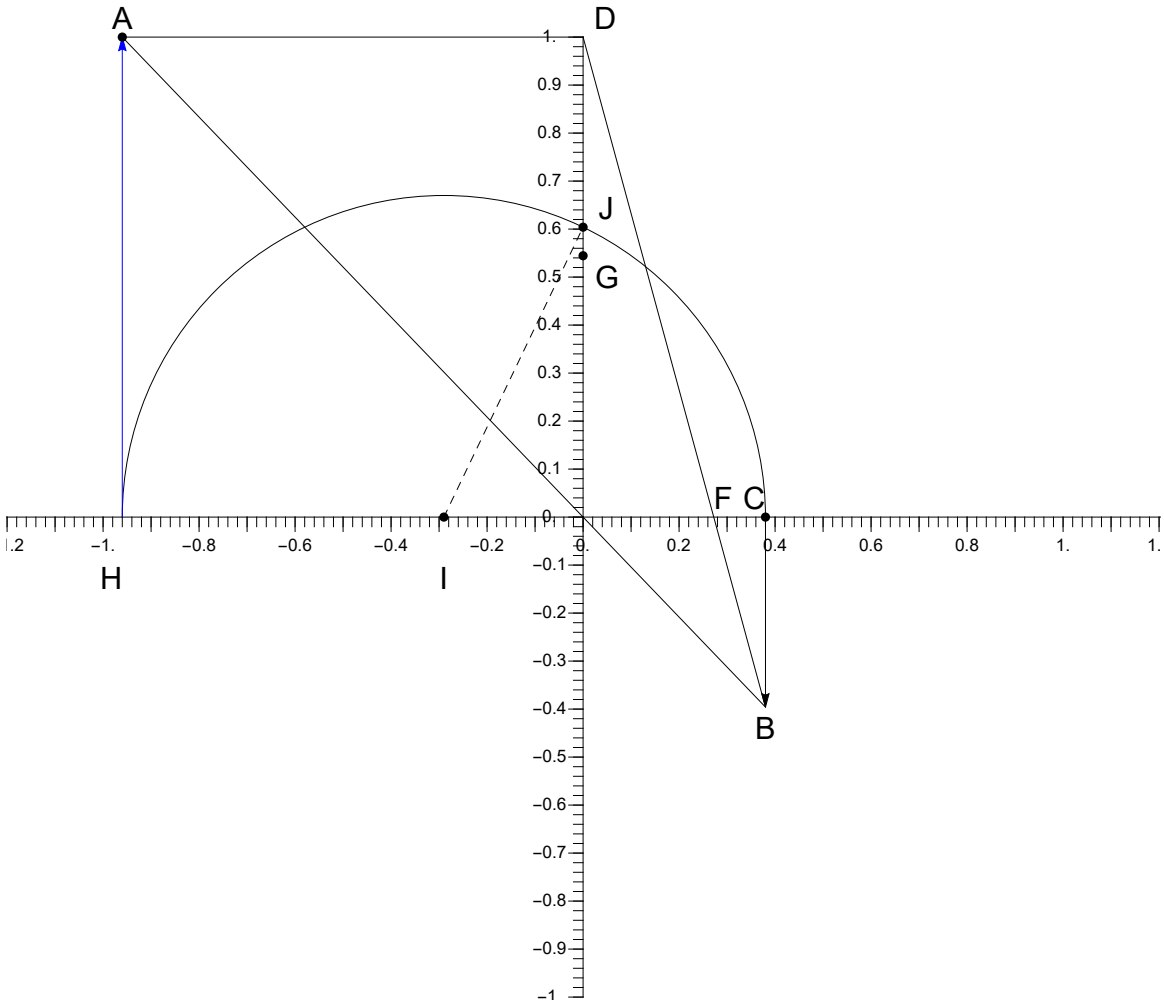
a=|HO|	b=|CO|	$(a+b)/2$=|IH|=|IJ|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.8	0.26			

27.



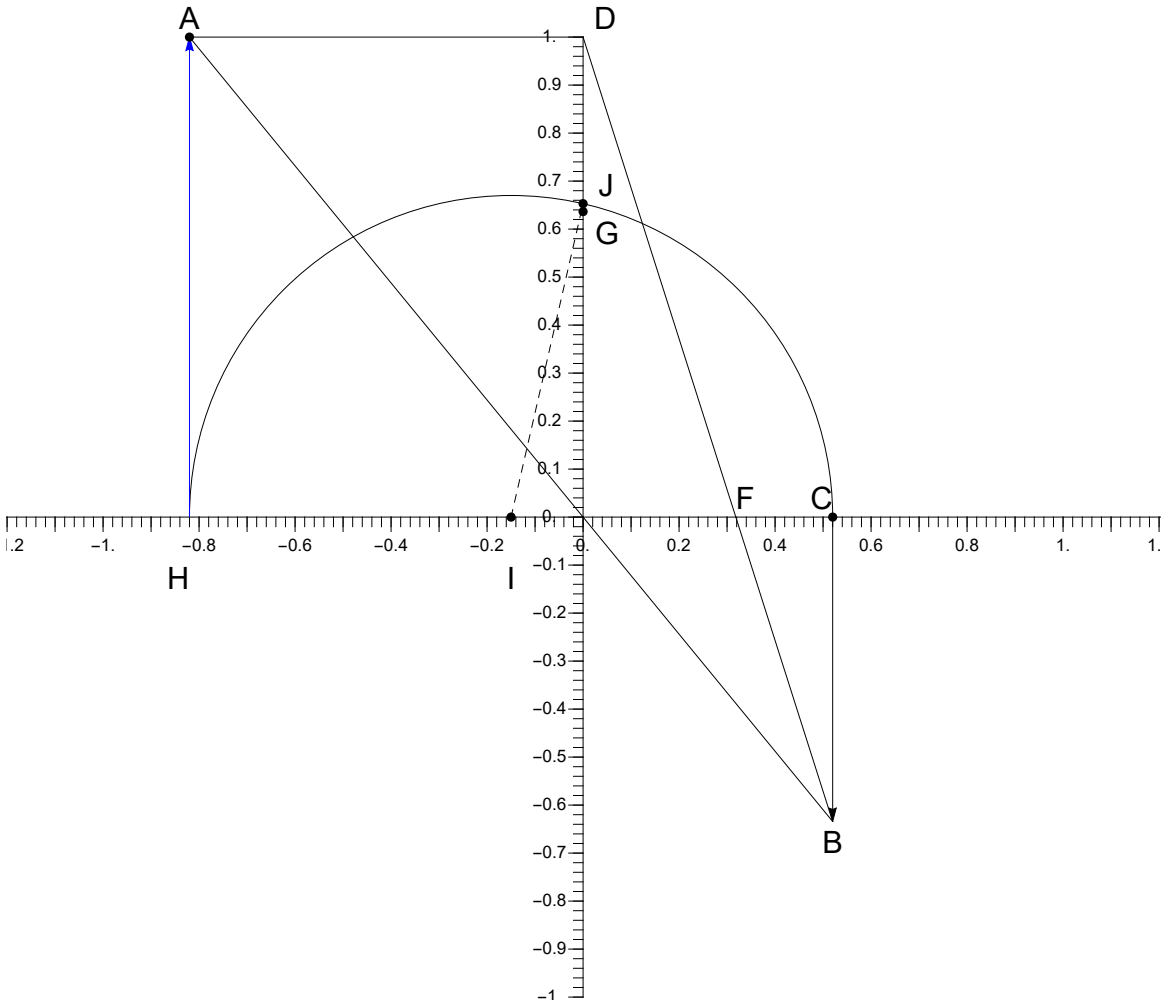
a=|HO|	b=|CO|	$(a+b)/2$=|IH|=|IJ|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.84	0.32			

28.



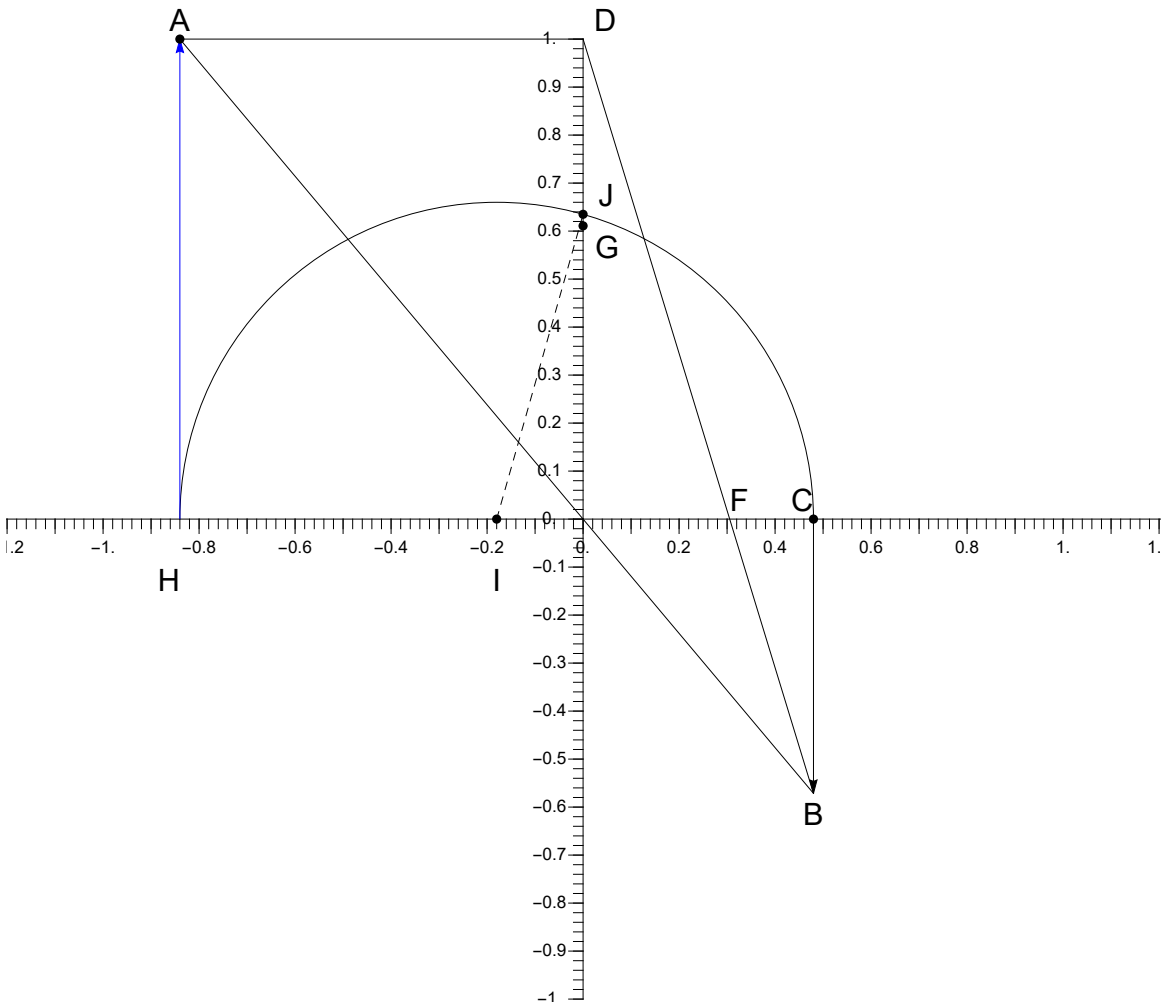
a=|HO|	b=|CO|	$(a+b)/2$=|IH|=|IJ|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.96	0.38			

29.



a=|HO|	b=|CO|	$(a+b)/2$=|IH|=|IJ|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.82	0.52			

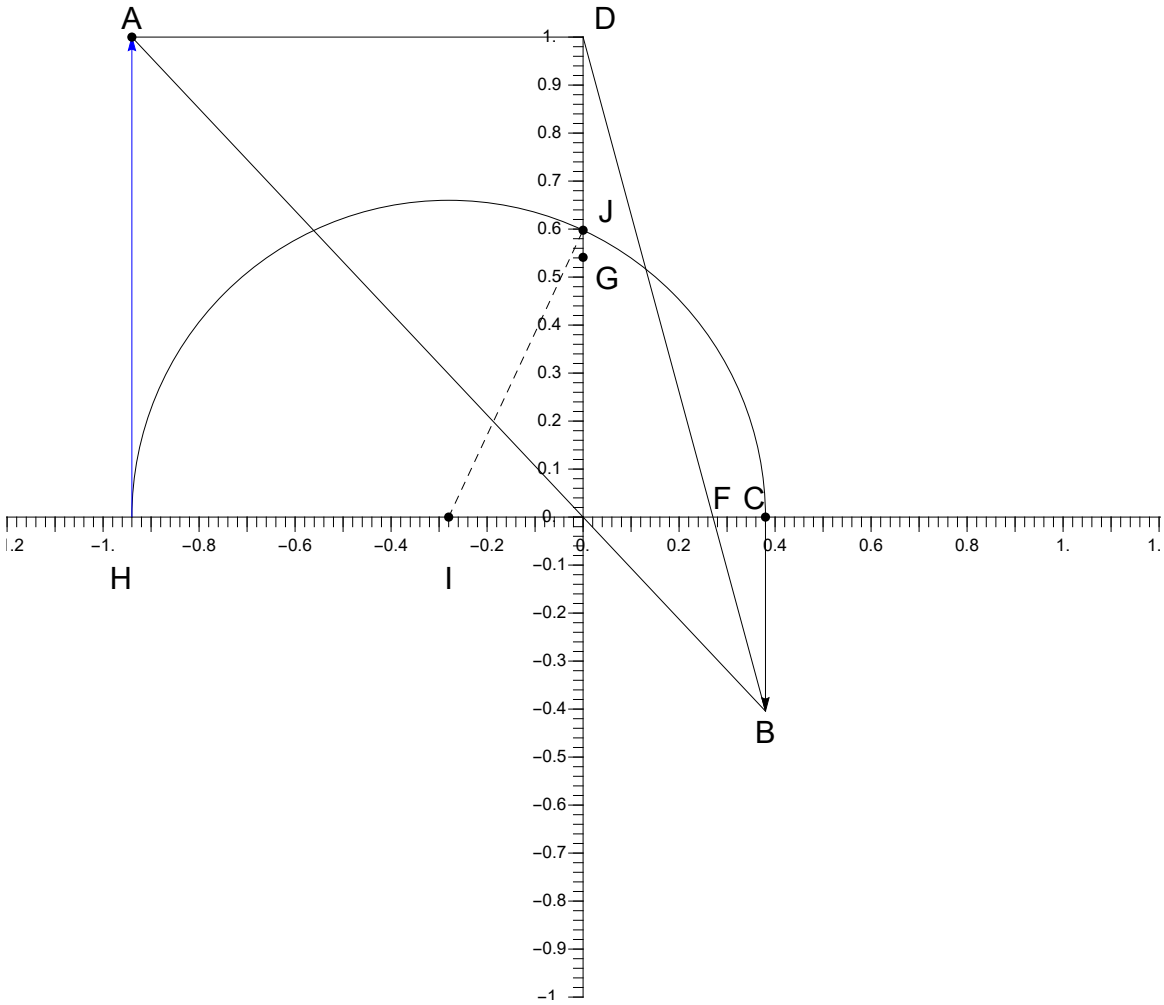
30.



a=|HO|	b=|CO|	$(a+b)/2$=|IH|=|IJ|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.84	0.48			

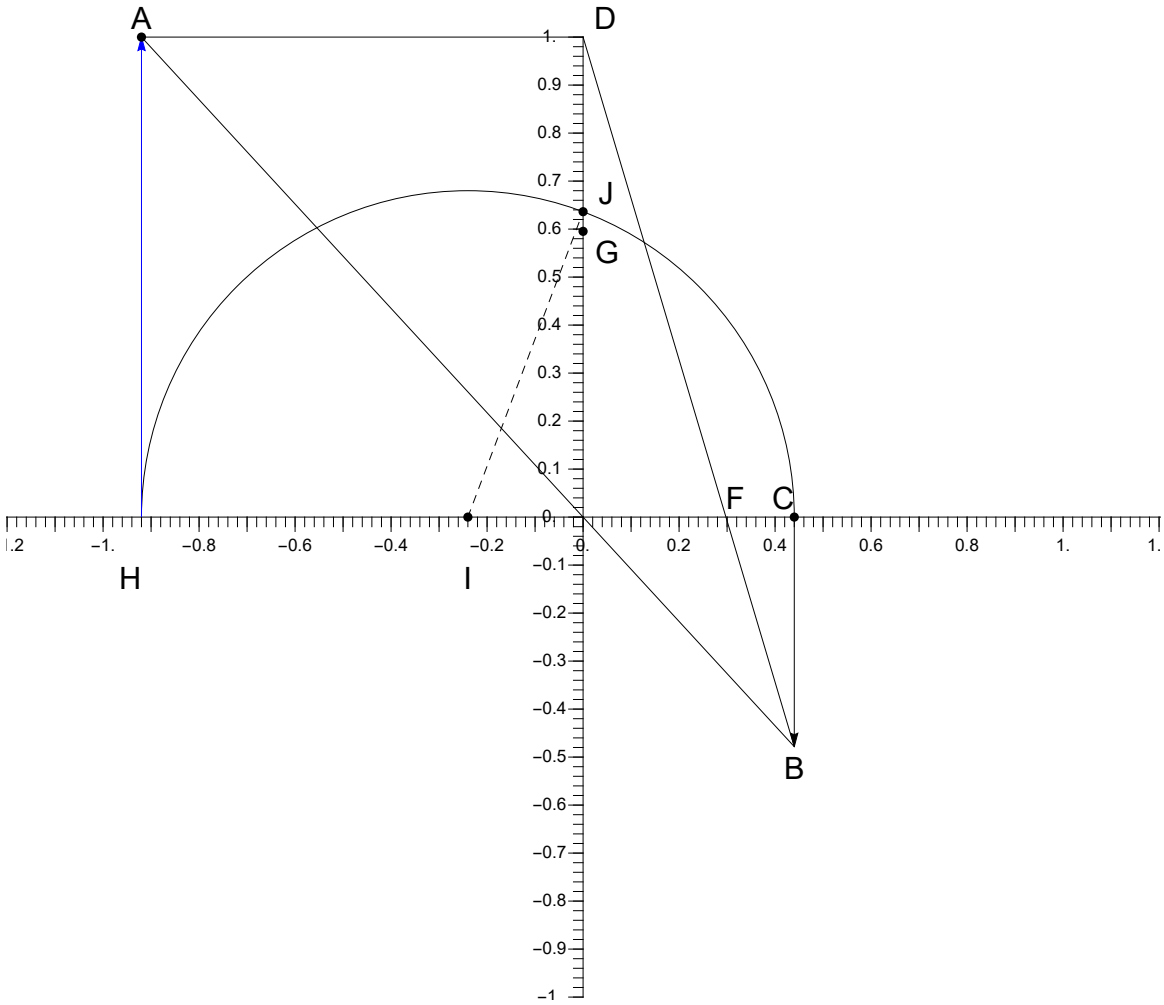
Rešitve:

1.



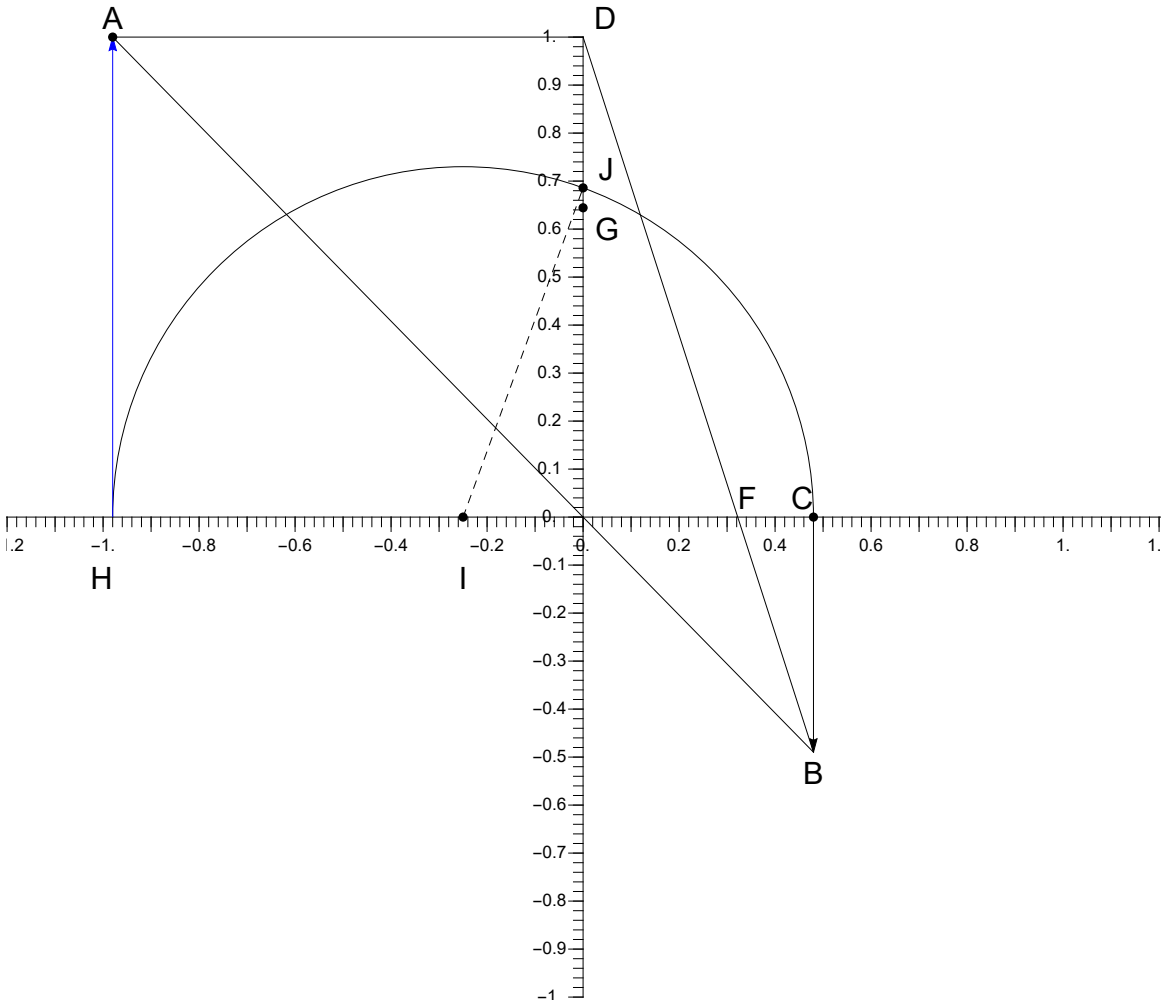
a=|HO|	b=|CO|	$(a+b)/2$=|IH|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.94	0.38	0.66	0.6	0.54

2.



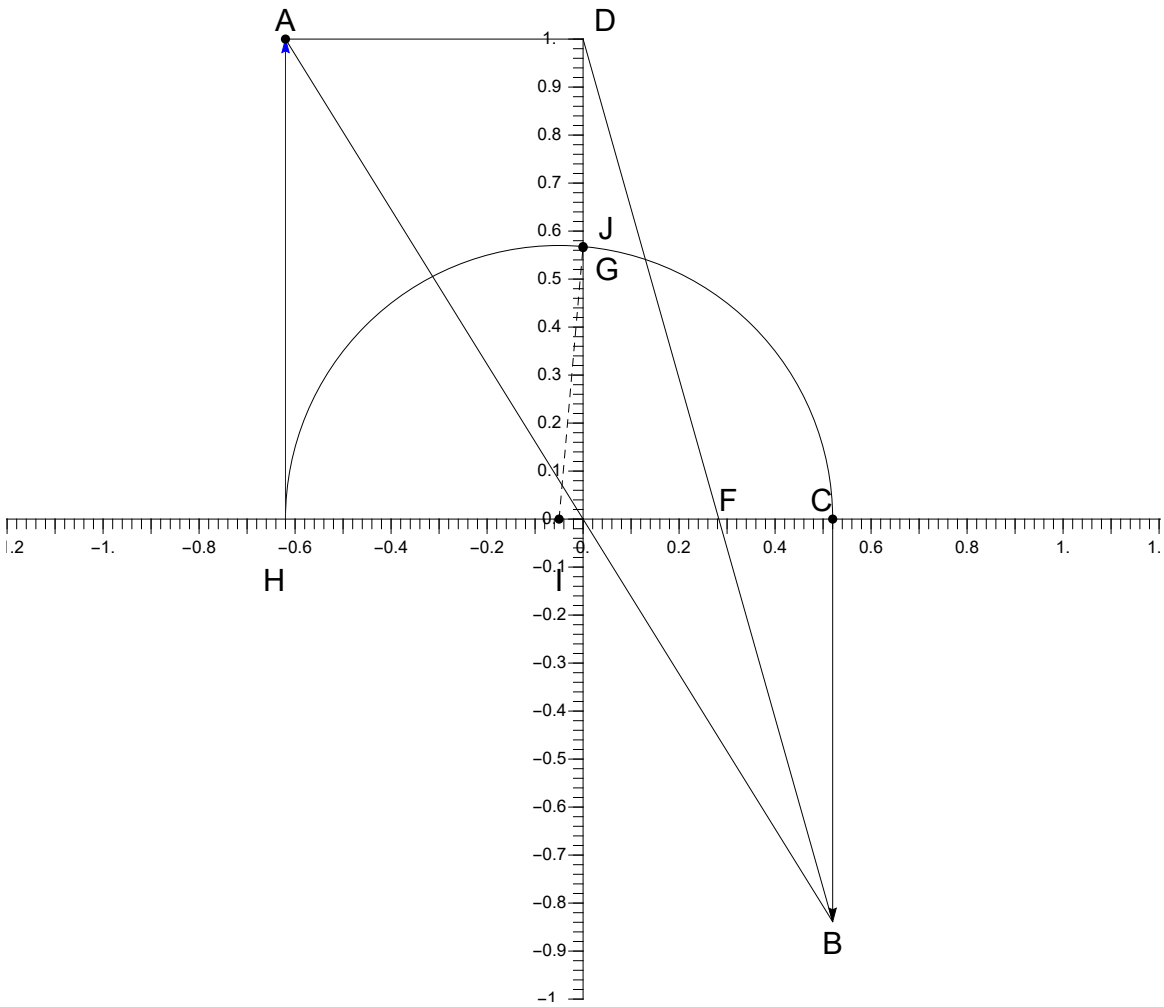
a=|HO|	b=|CO|	$(a+b)/2$=|IH|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.92	0.44	0.68	0.64	0.6

3.



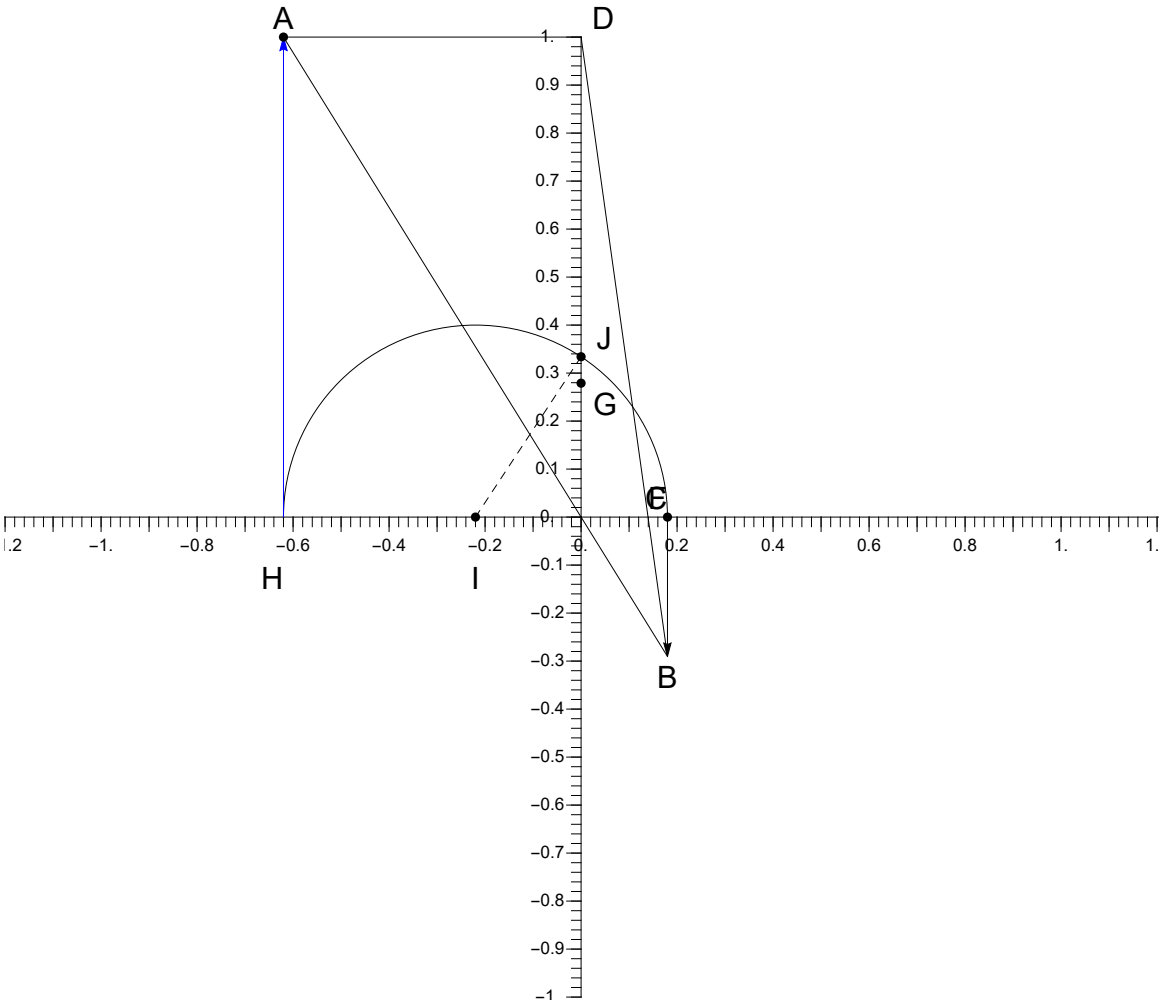
a=|HO|	b=|CO|	$(a+b)/2$=|IH|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.98	0.48	0.73	0.69	0.64

4.



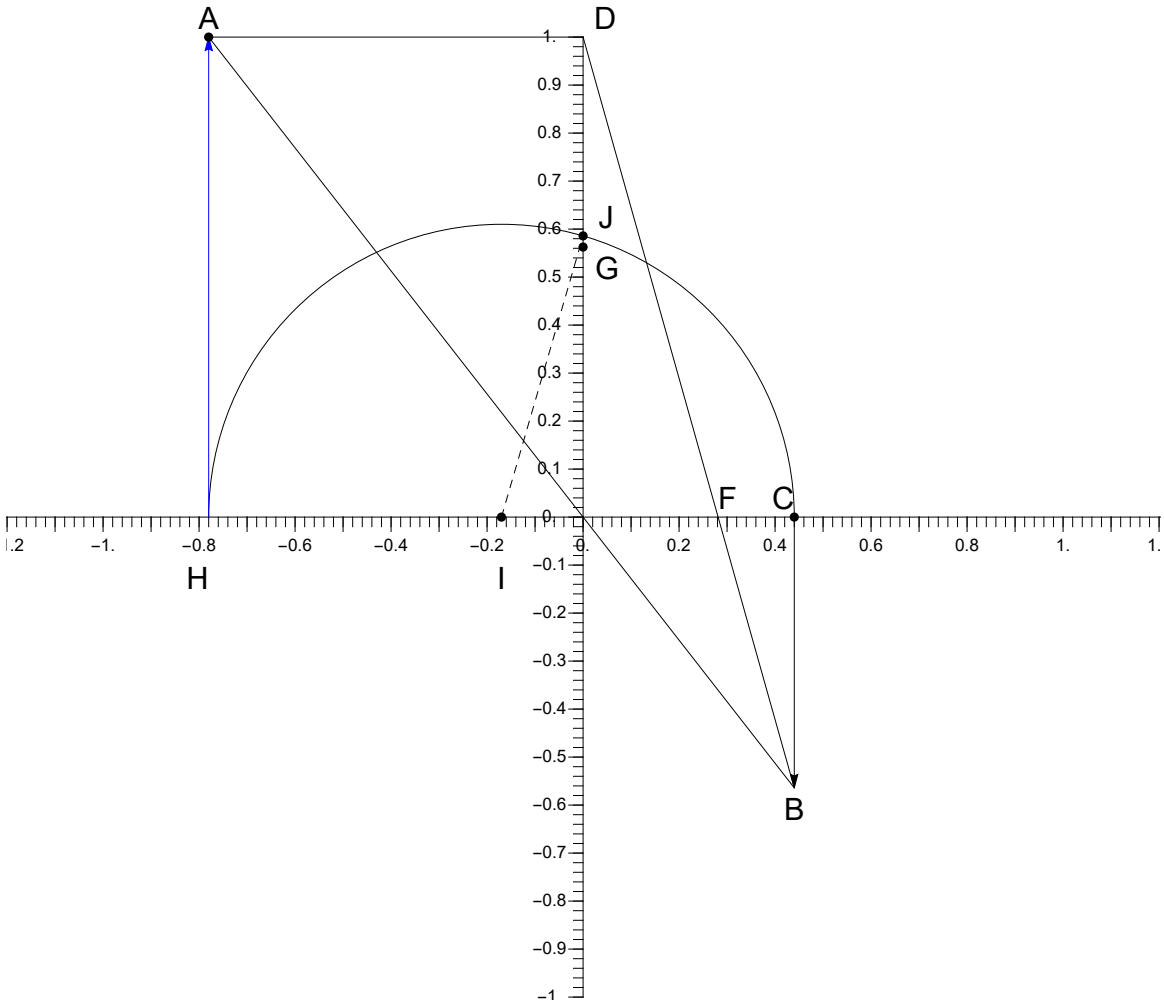
a=|HO|	b=|CO|	$(a+b)/2$=|IH|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.62	0.52	0.57	0.57	0.57

5.



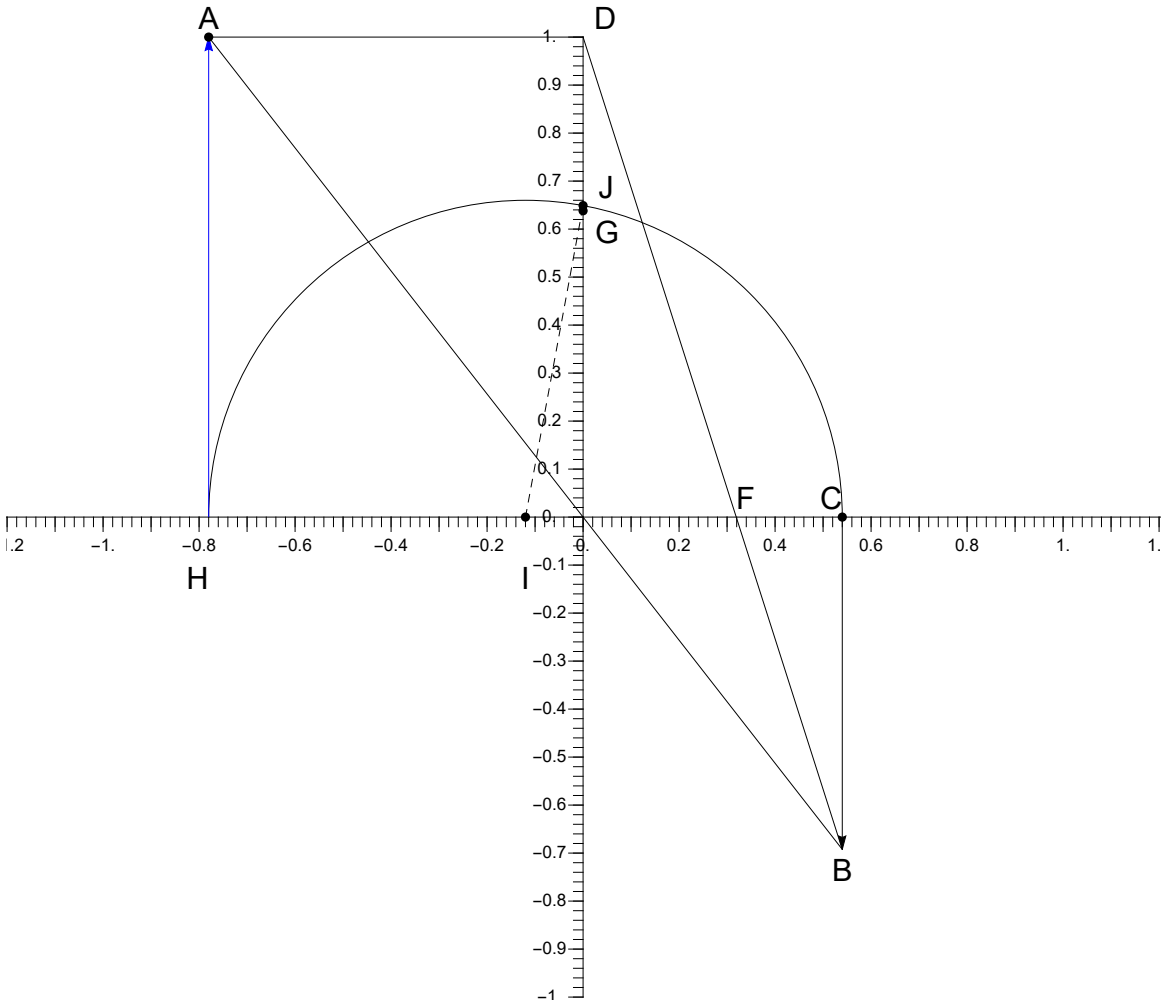
a=|HO|	b=|CO|	$(a+b)/2$=|IH|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.62	0.18	0.4	0.33	0.28

6.



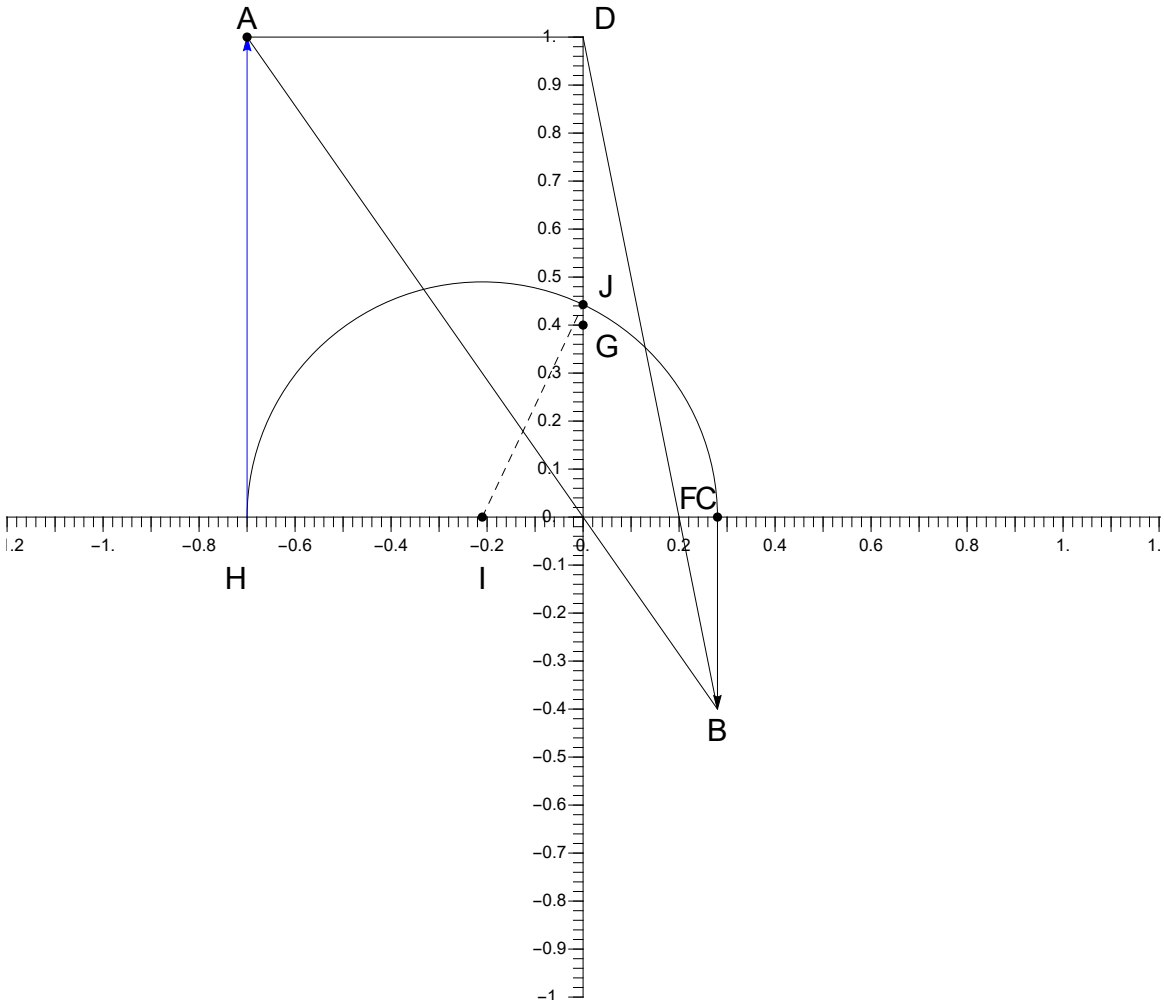
a=|HO|	b=|CO|	$(a+b)/2$=|IH|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.78	0.44	0.61	0.59	0.56

7.



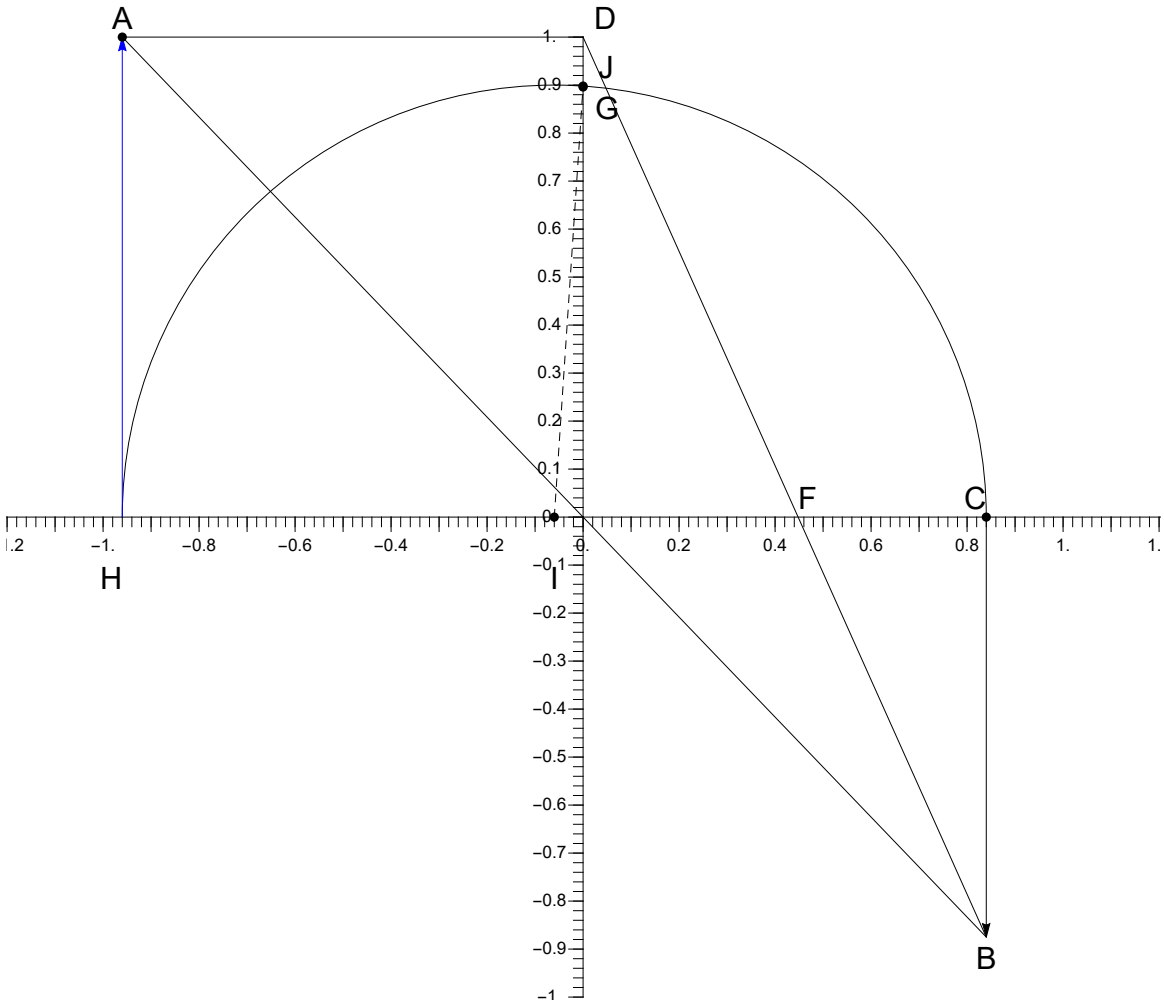
a=|HO|	b=|CO|	$(a+b)/2$=|IH|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.78	0.54	0.66	0.65	0.64

8.



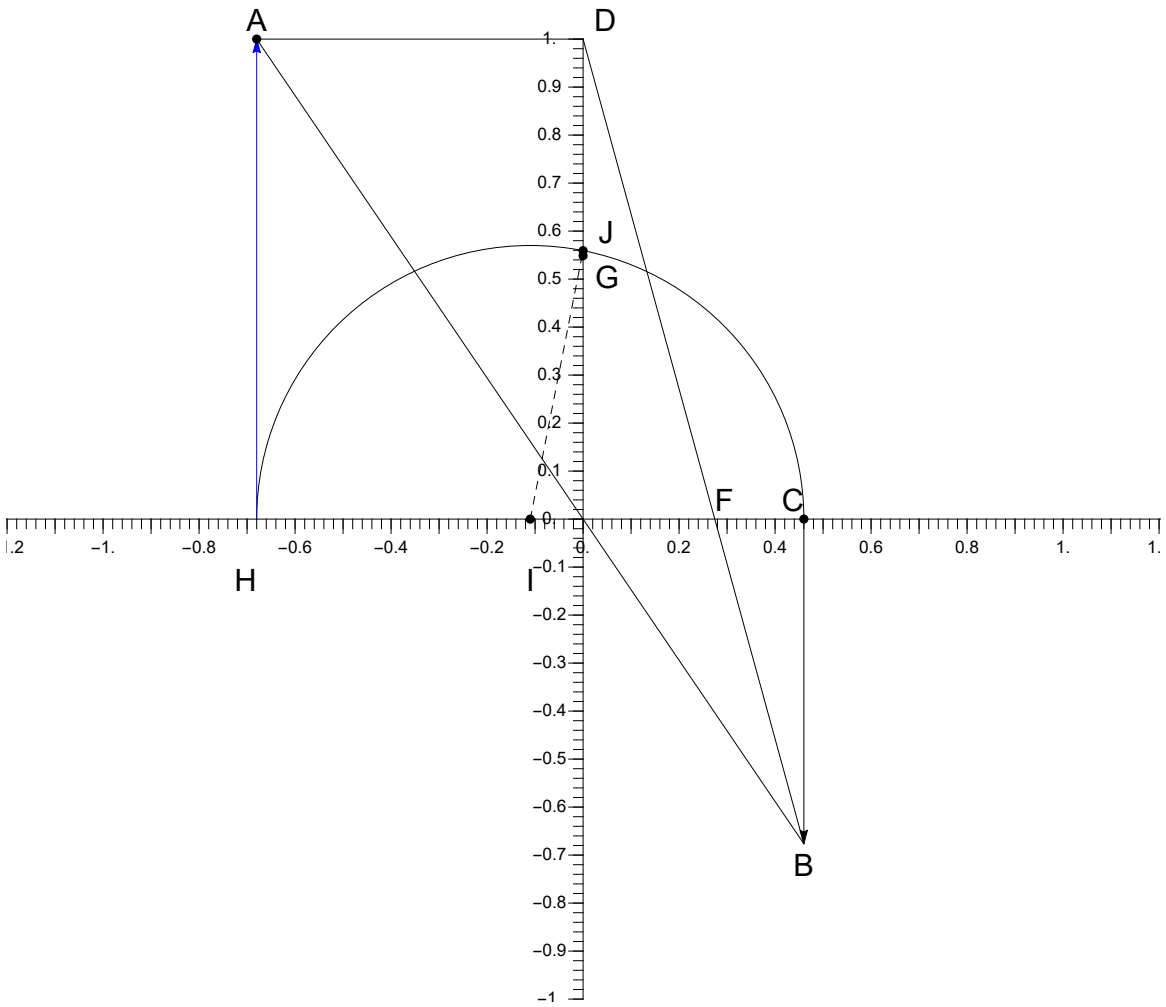
a=|HO|	b=|CO|	$(a+b)/2$=|IH|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.7	0.28	0.49	0.44	0.4

9.



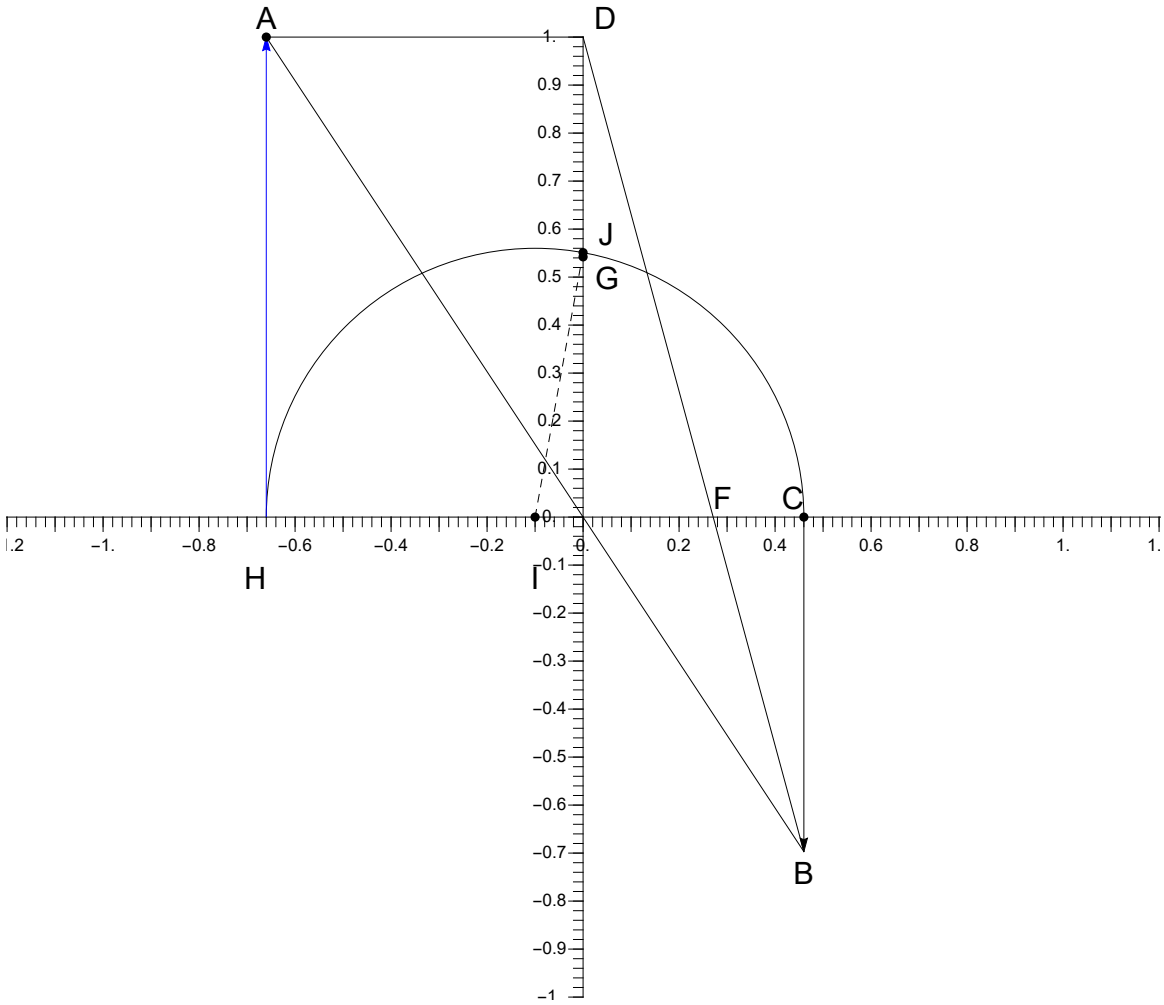
a=|HO|	b=|CO|	$(a+b)/2$=|IH|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.96	0.84	0.9	0.9	0.9

10.



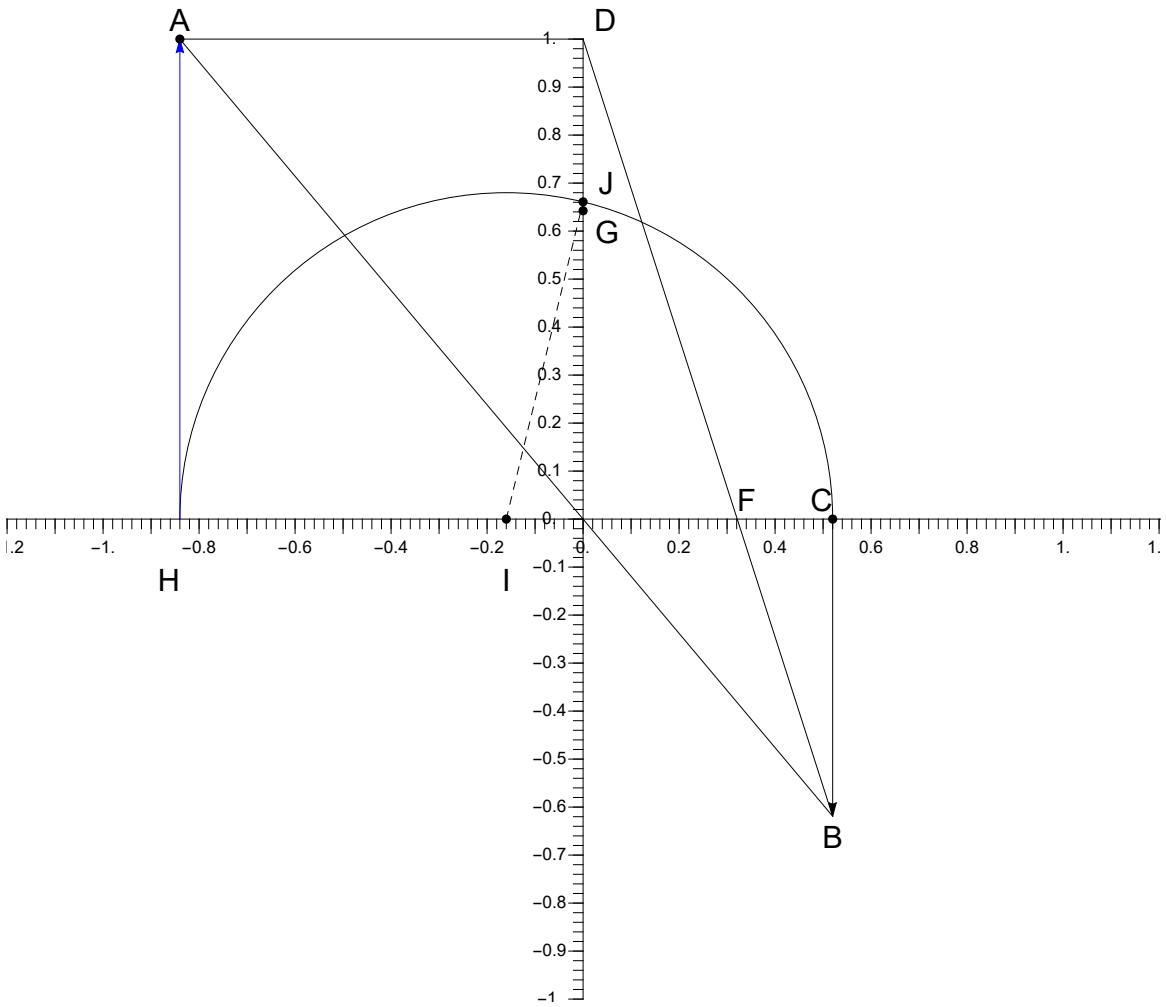
a=|HO|	b=|CO|	$(a+b)/2$=|IH|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.68	0.46	0.57	0.56	0.55

11.



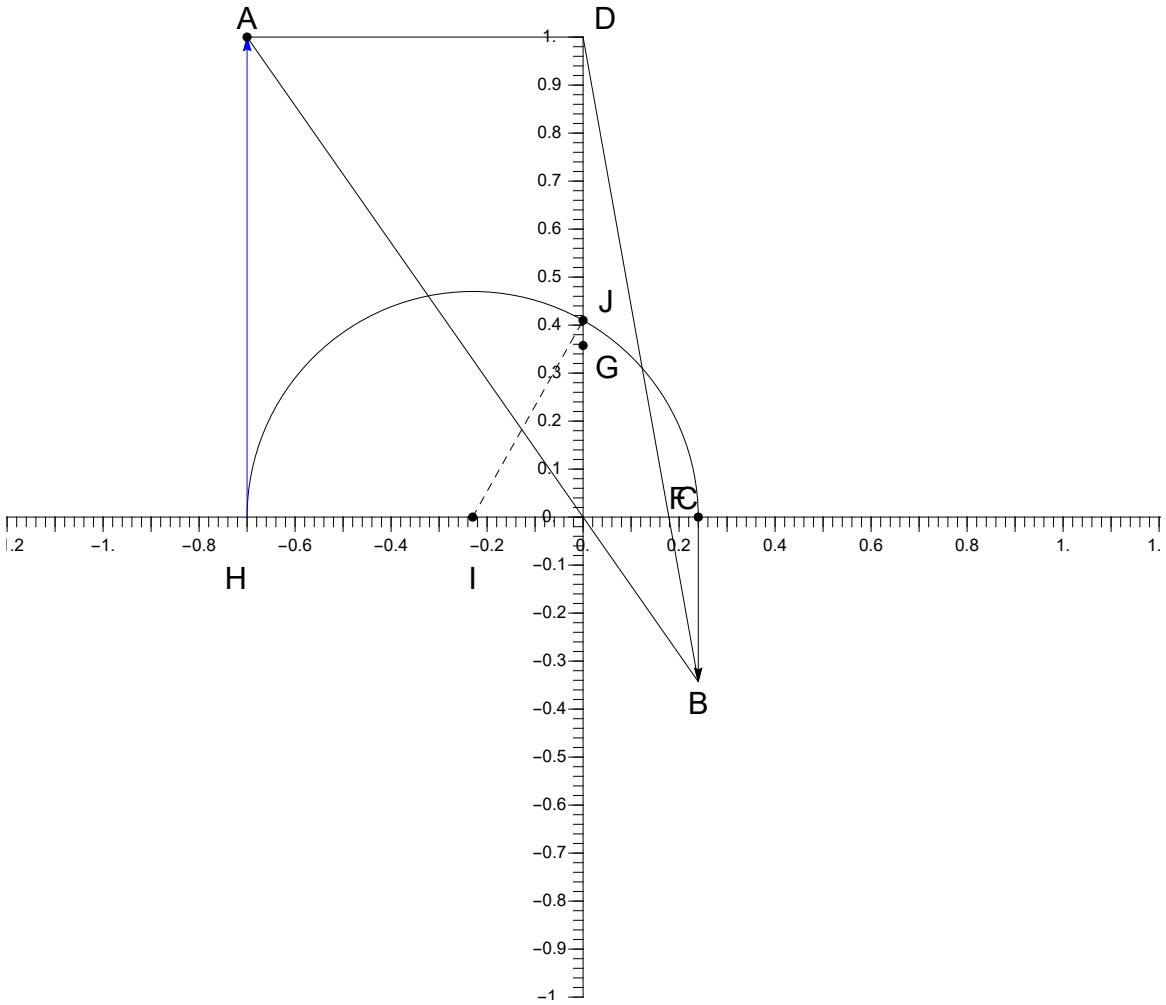
a=|HO|	b=|CO|	$(a+b)/2$=|IH|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.66	0.46	0.56	0.55	0.54

12.



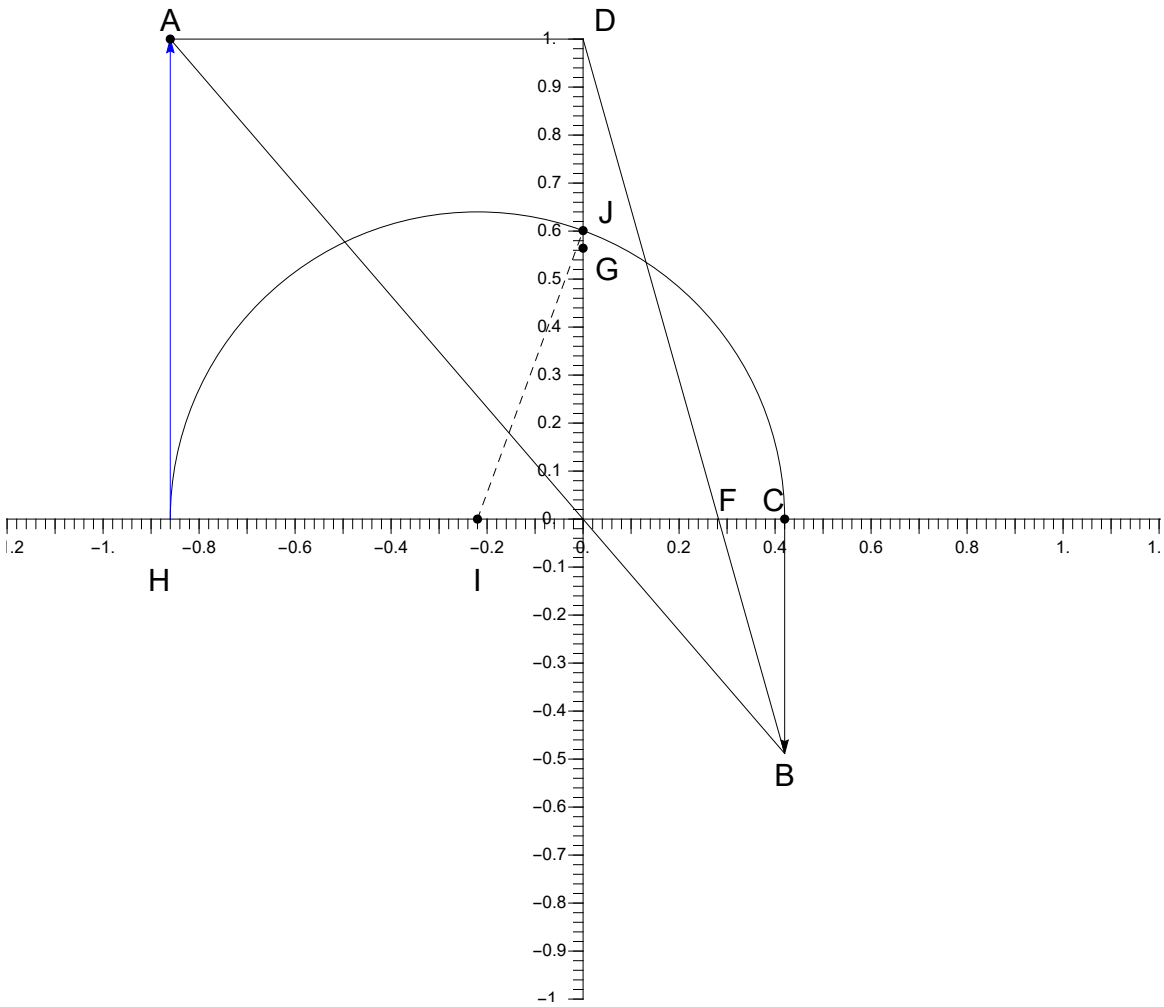
a=|HO|	b=|CO|	$(a+b)/2$=|IH|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.84	0.52	0.68	0.66	0.64

13.



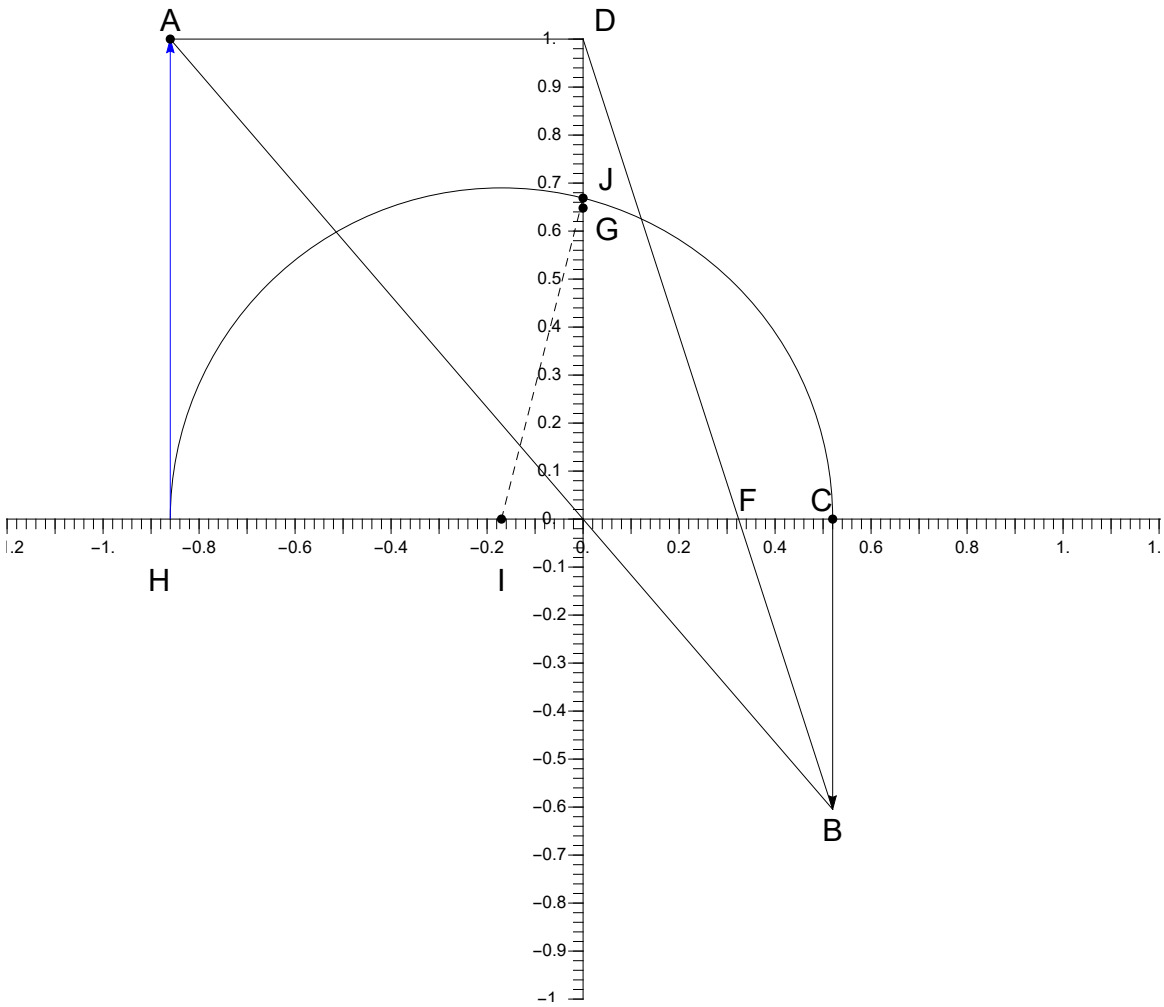
a=|HO|	b=|CO|	$(a+b)/2$=|IH|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.7	0.24	0.47	0.41	0.36

14.



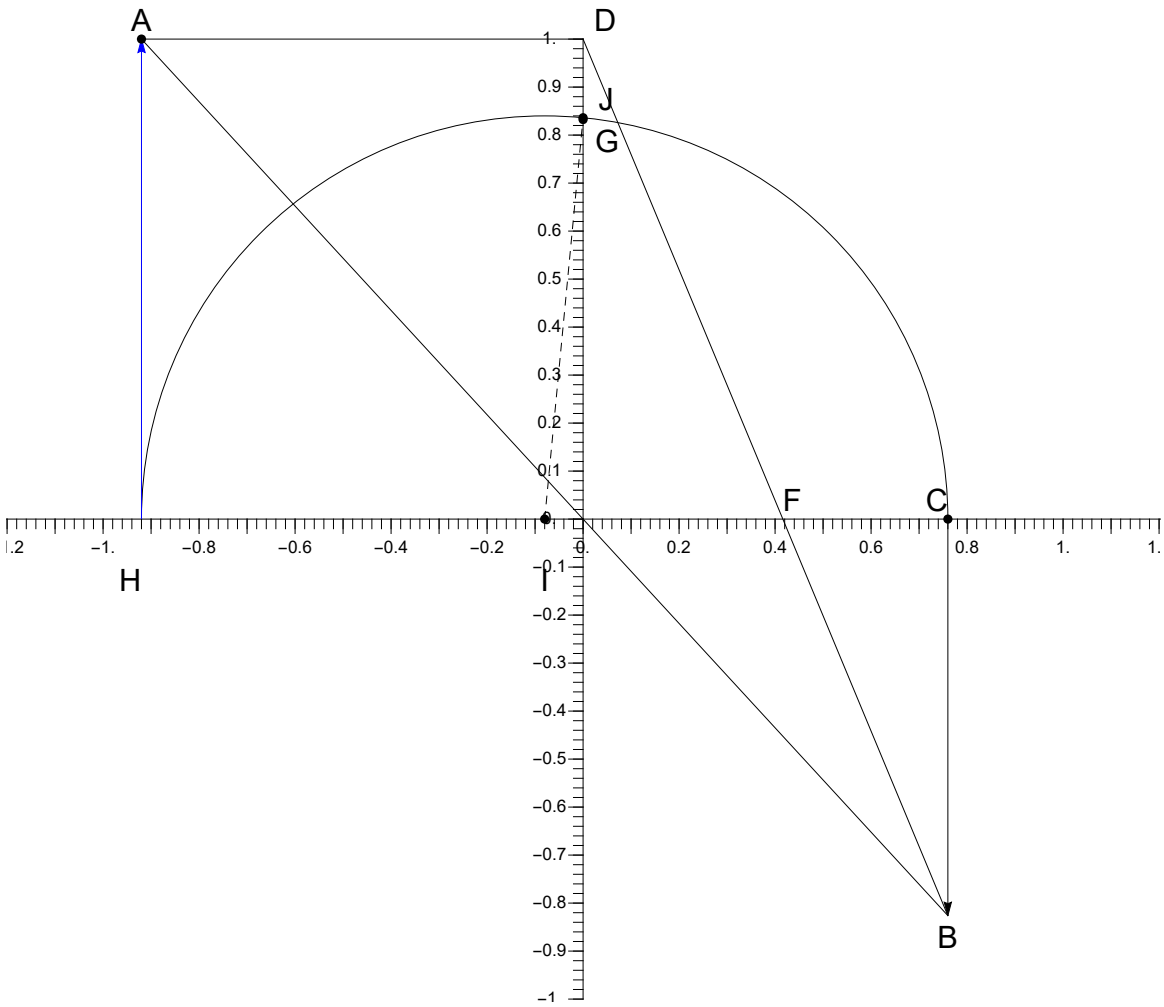
a=|HO|	b=|CO|	$(a+b)/2$=|IH|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.86	0.42	0.64	0.6	0.56

15.



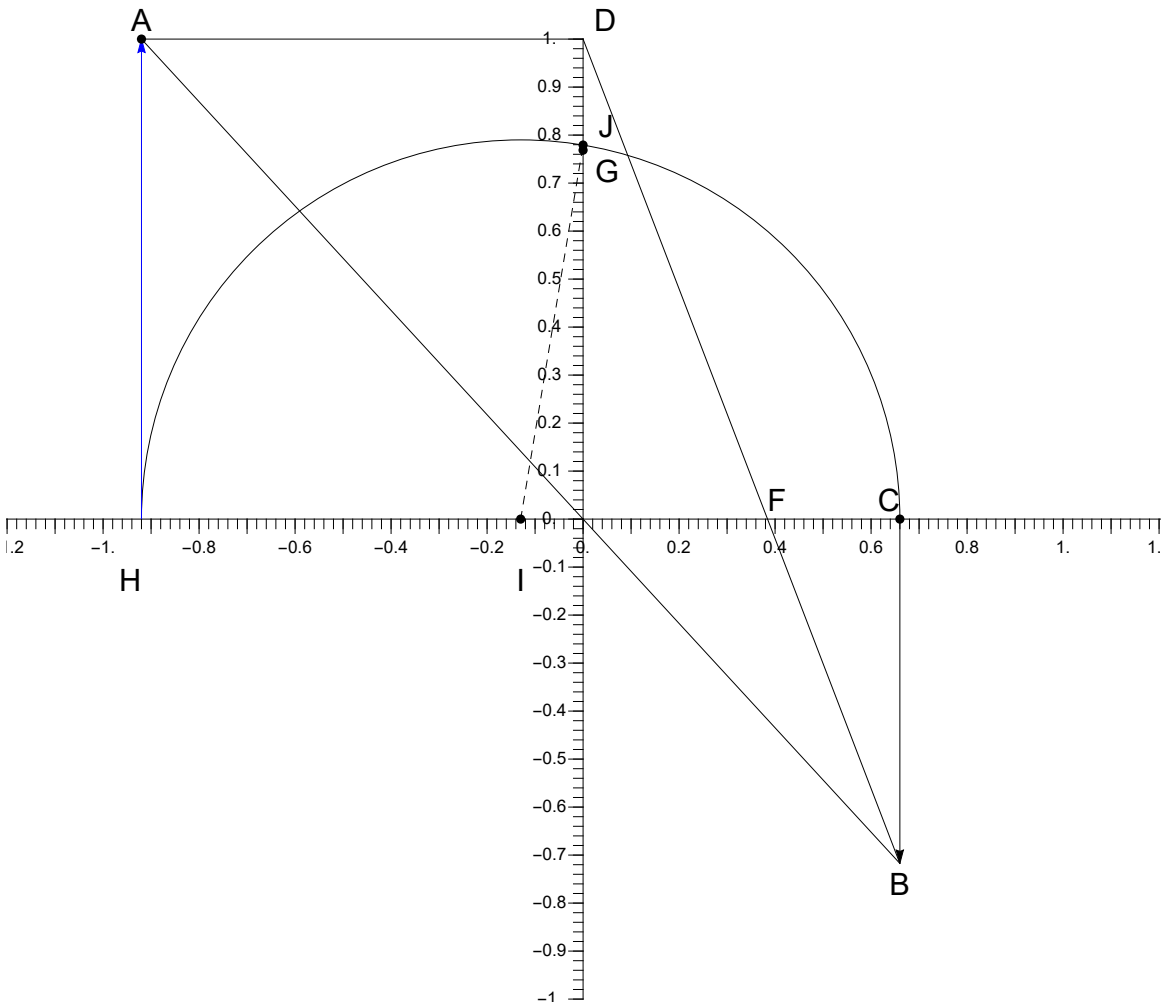
a=|HO|	b=|CO|	$(a+b)/2$=|IH|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.86	0.52	0.69	0.67	0.65

16.



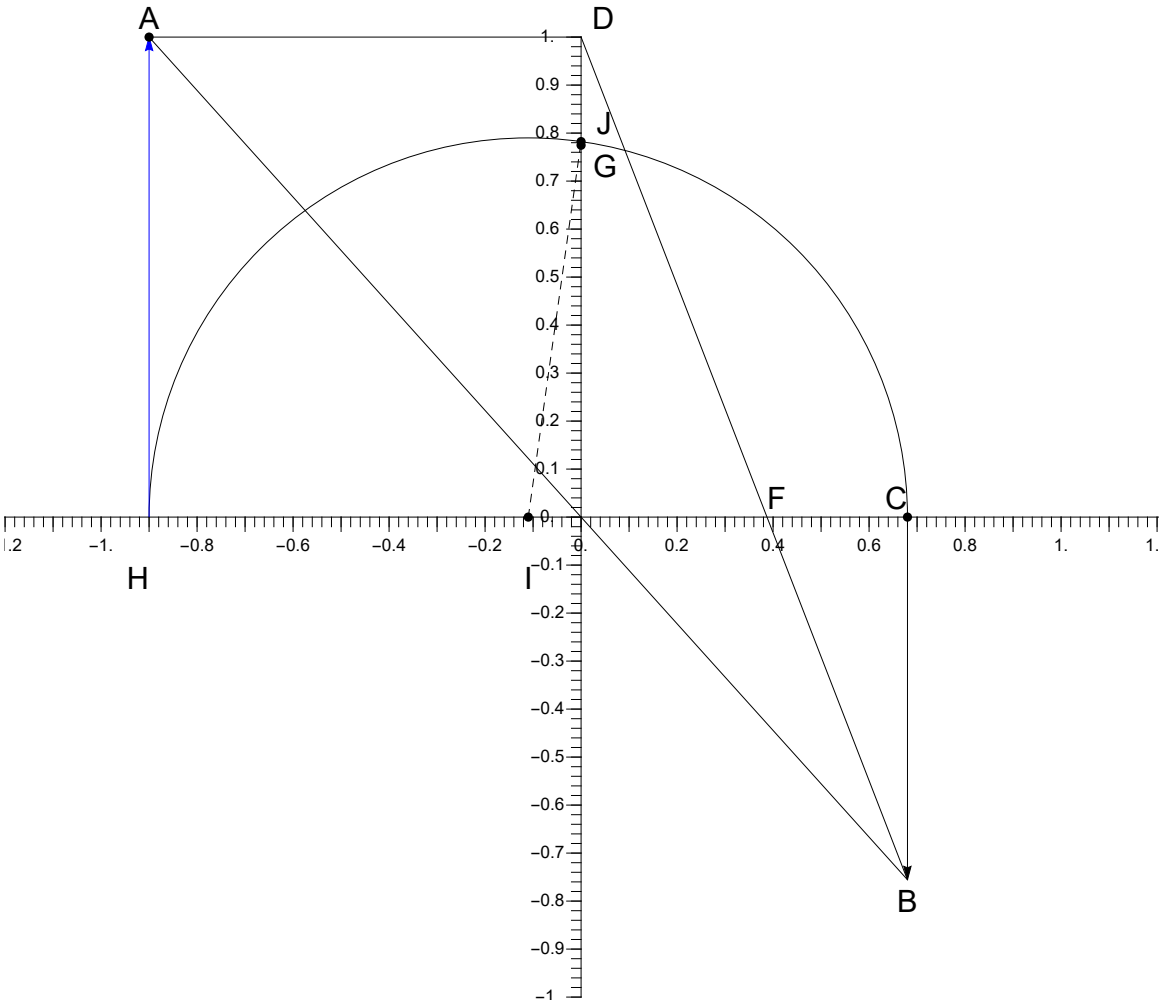
a=|HO|	b=|CO|	$(a+b)/2$=|IH|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.92	0.76	0.84	0.84	0.83

17.



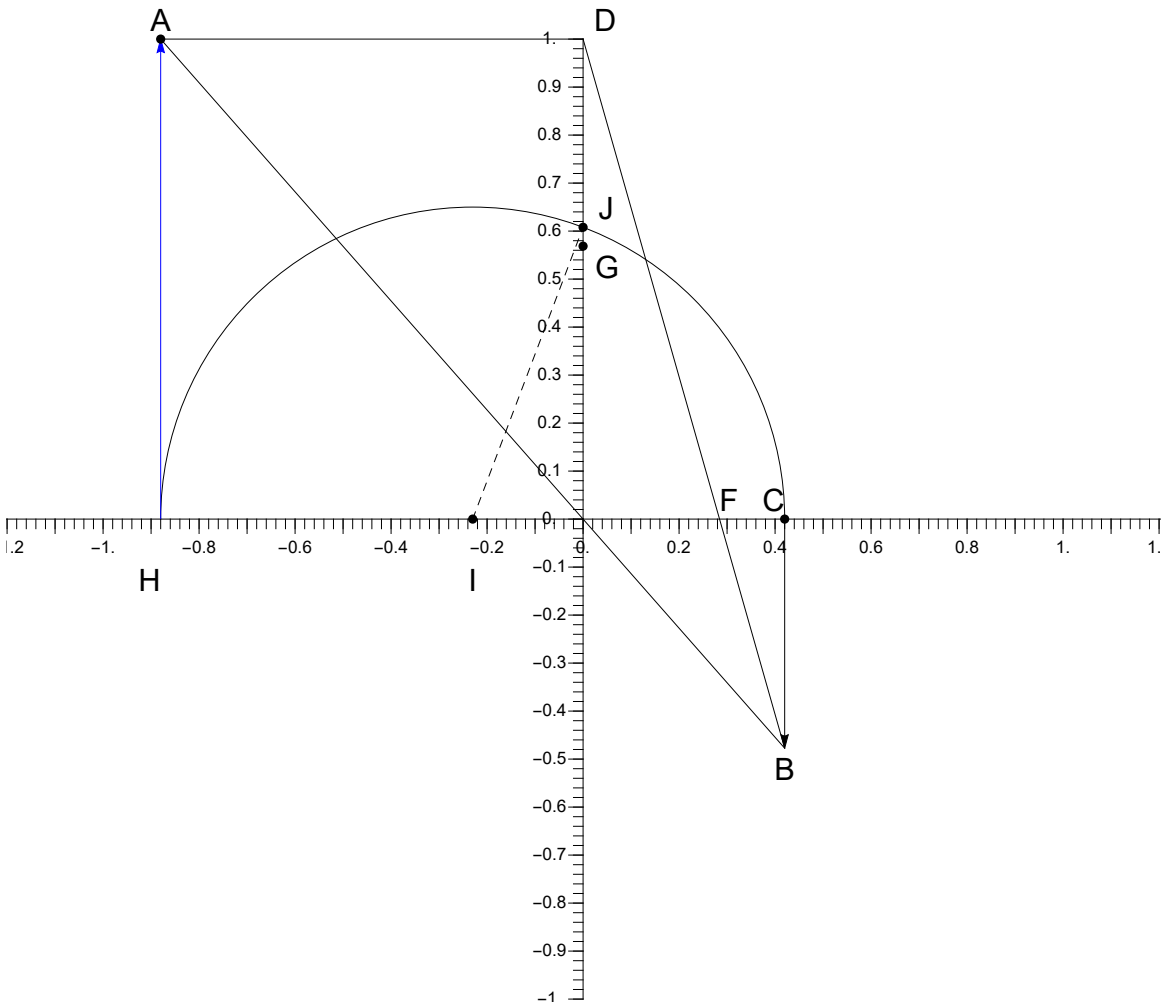
a=|HO|	b=|CO|	$(a+b)/2$=|IH|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.92	0.66	0.79	0.78	0.77

18.



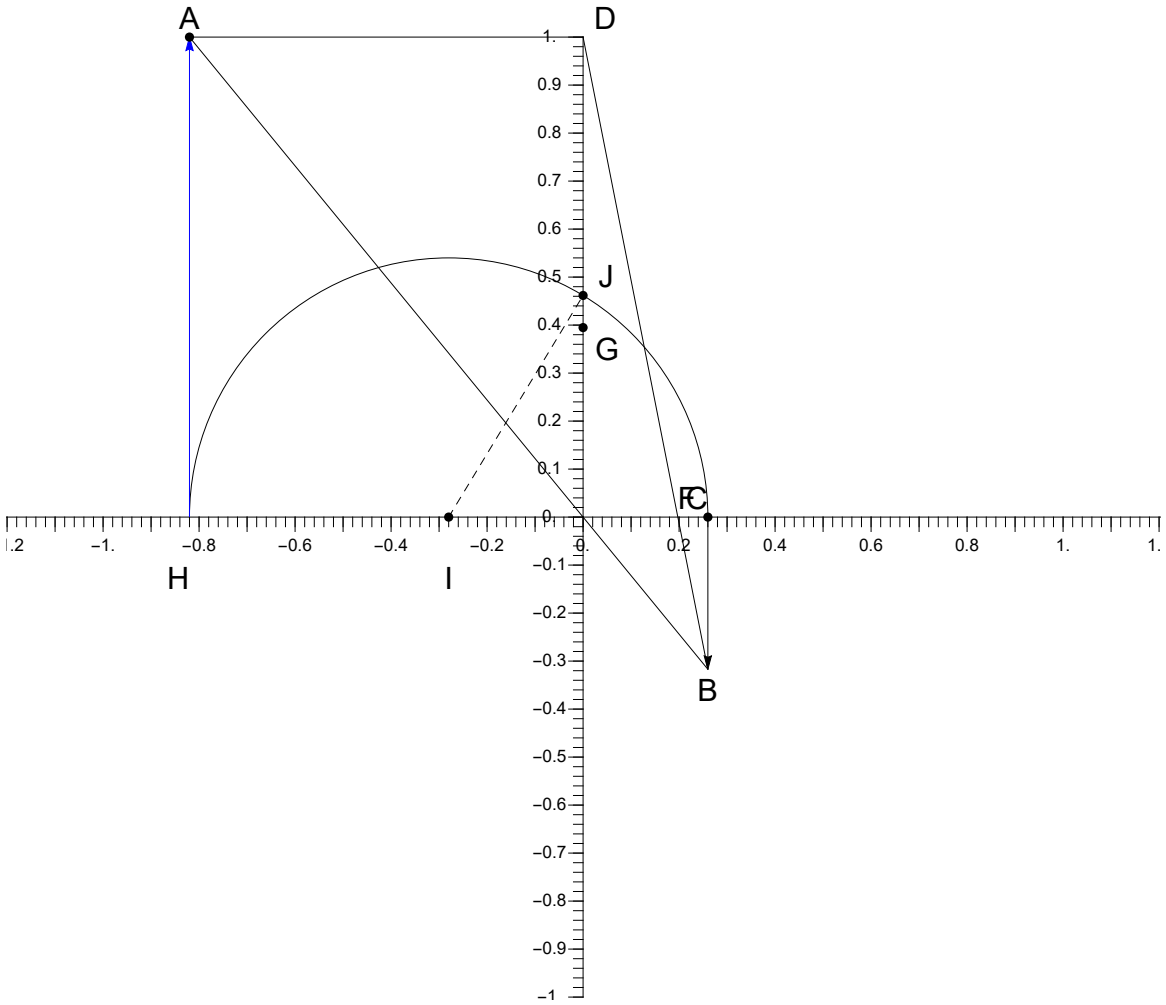
a=|HO|	b=|CO|	$(a+b)/2$=|IH|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.9	0.68	0.79	0.78	0.77

19.



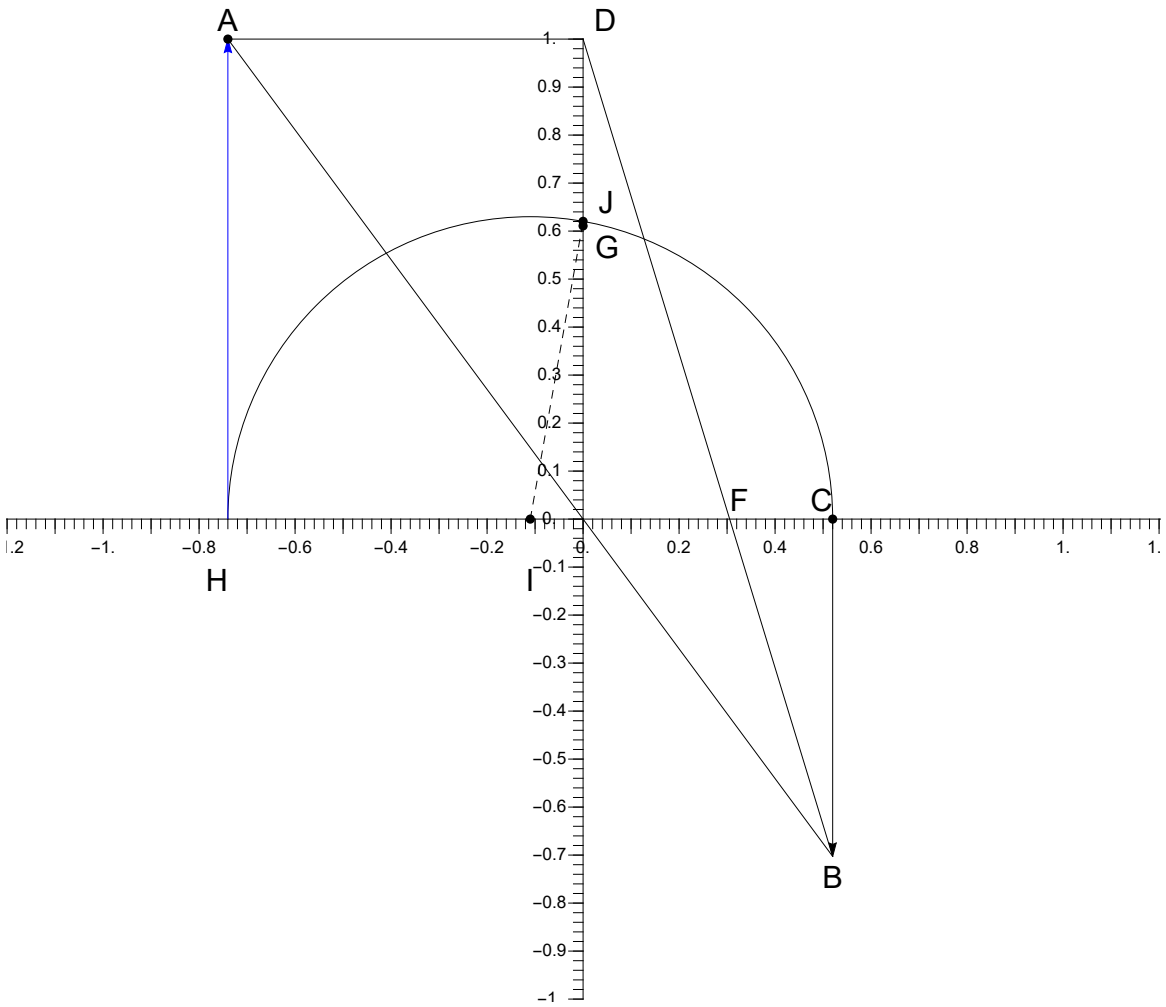
a=|HO|	b=|CO|	$(a+b)/2$=|IH|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.88	0.42	0.65	0.61	0.57

20.



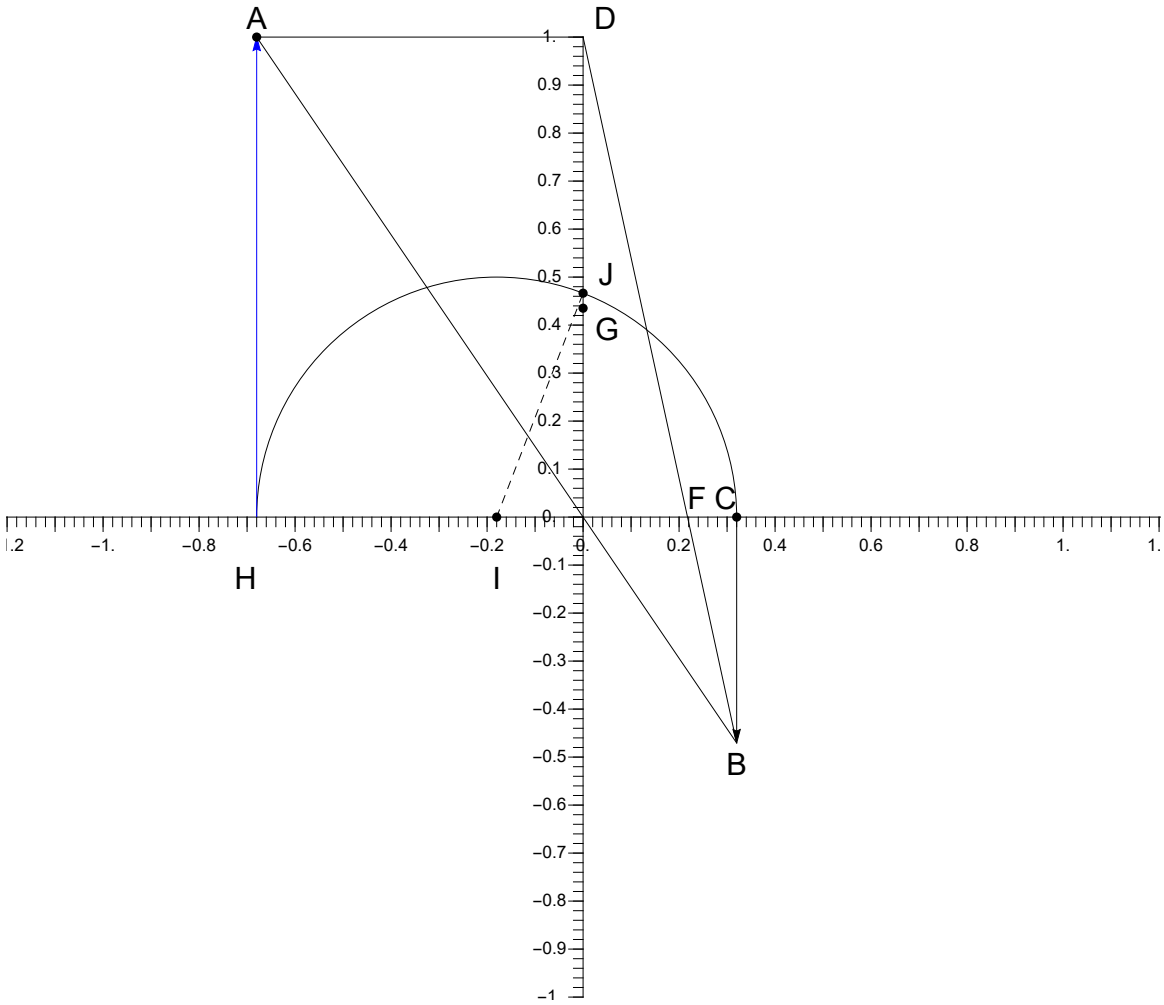
a=|HO|	b=|CO|	$(a+b)/2$=|IH|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.82	0.26	0.54	0.46	0.39

21.



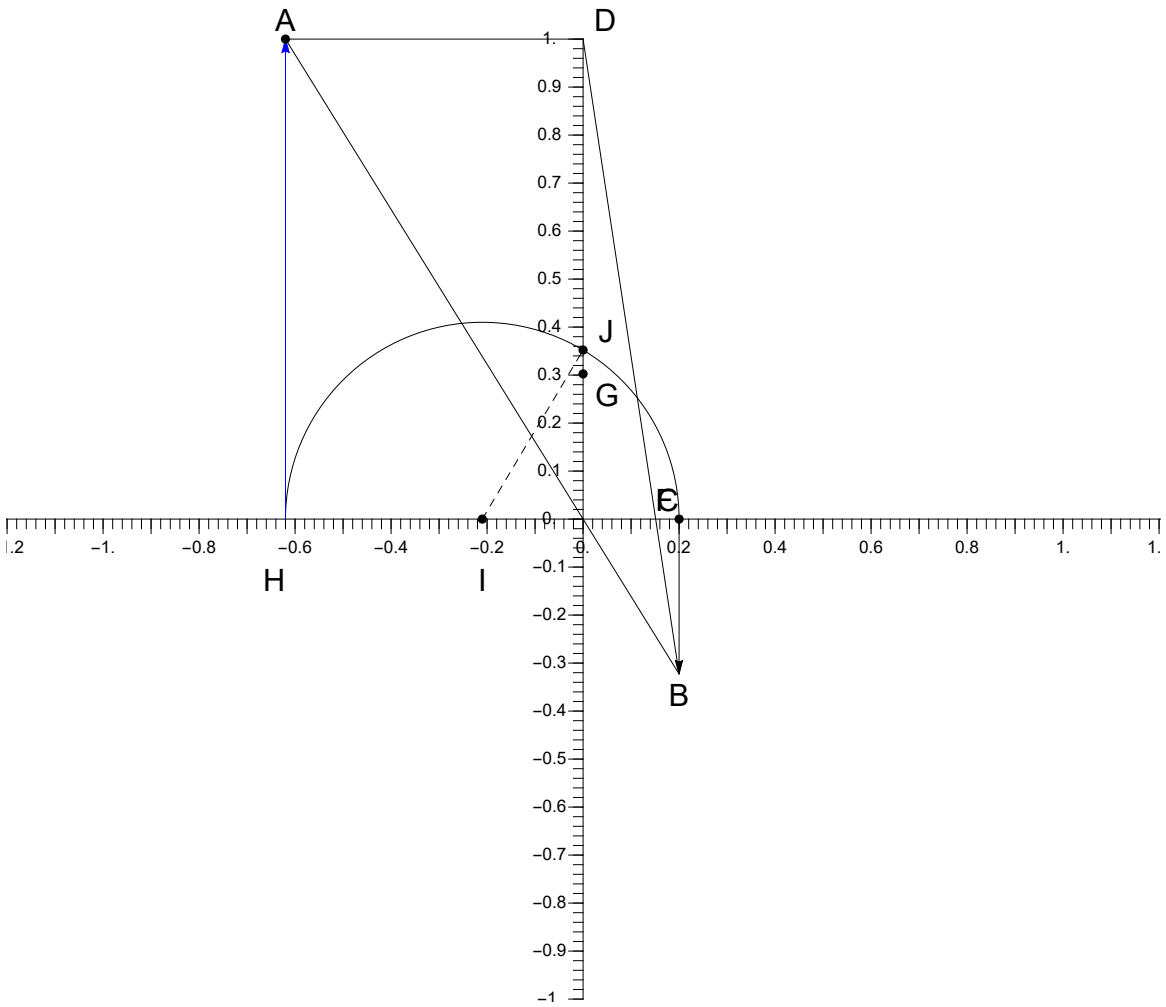
a=|HO|	b=|CO|	$(a+b)/2$=|IH|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.74	0.52	0.63	0.62	0.61

22.



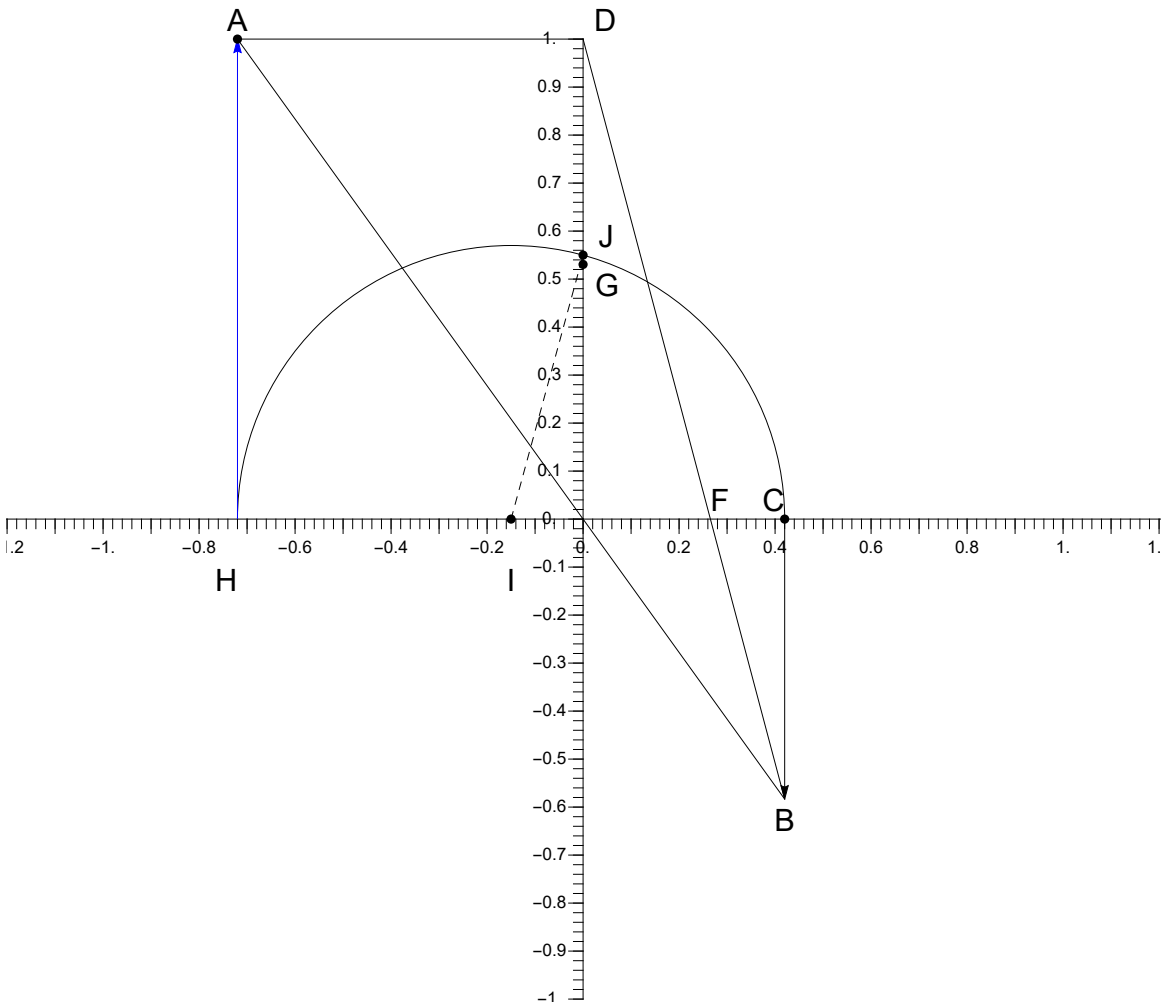
a=|HO|	b=|CO|	$(a+b)/2$=|IH|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.68	0.32	0.5	0.47	0.44

23.



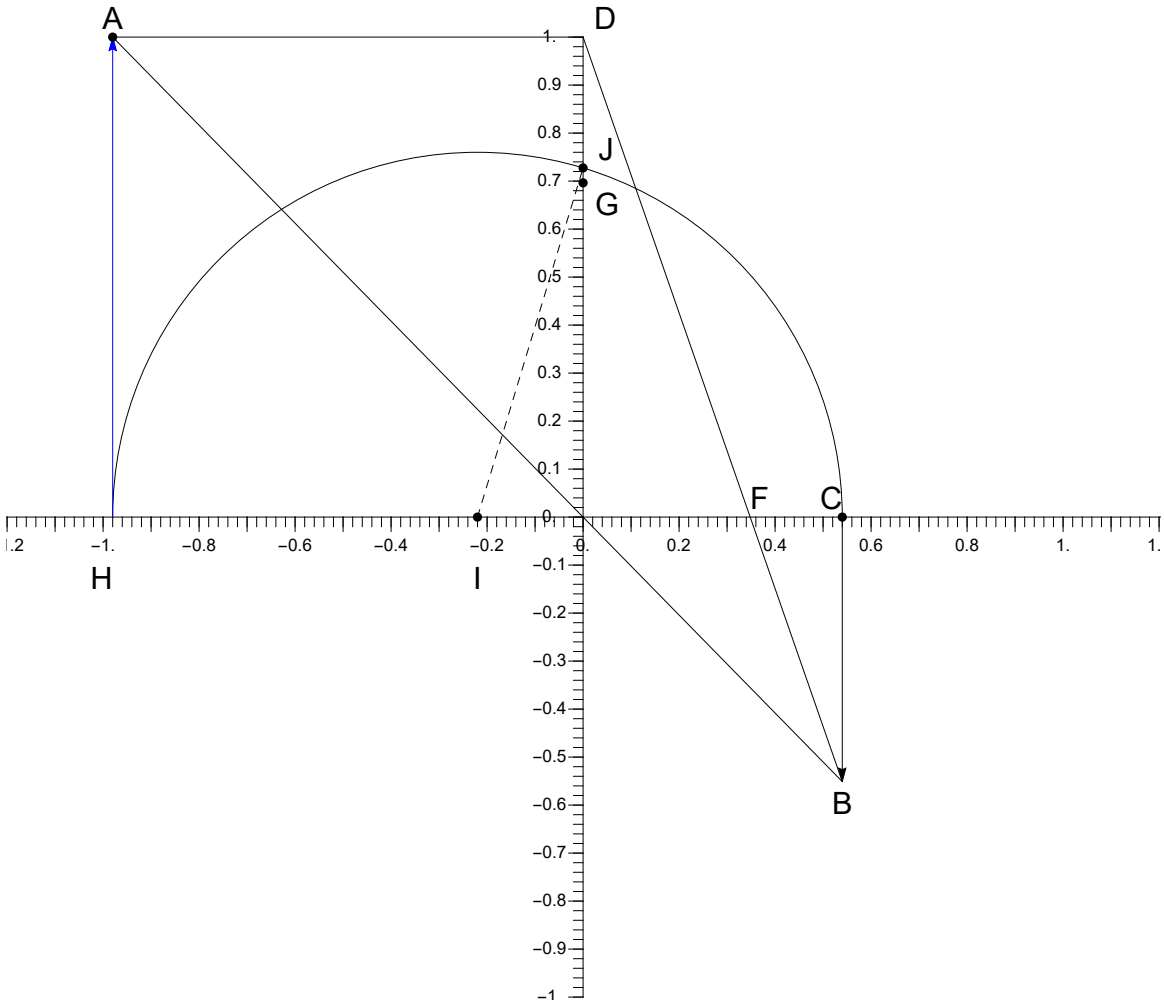
a=|HO|	b=|CO|	$(a+b)/2$=|IH|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.62	0.2	0.41	0.35	0.3

24.



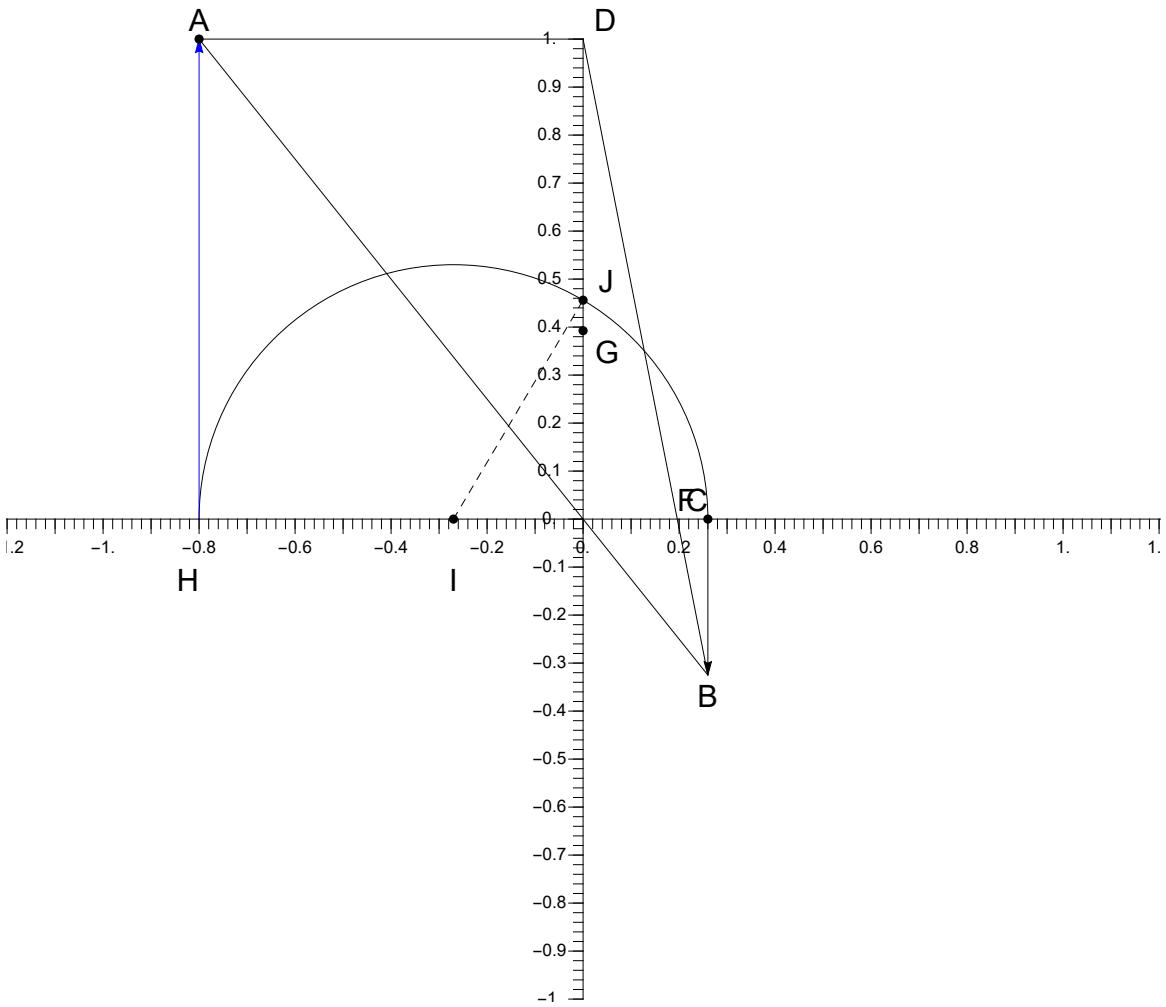
a=|HO|	b=|CO|	$(a+b)/2$=|IH|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.72	0.42	0.57	0.55	0.53

25.



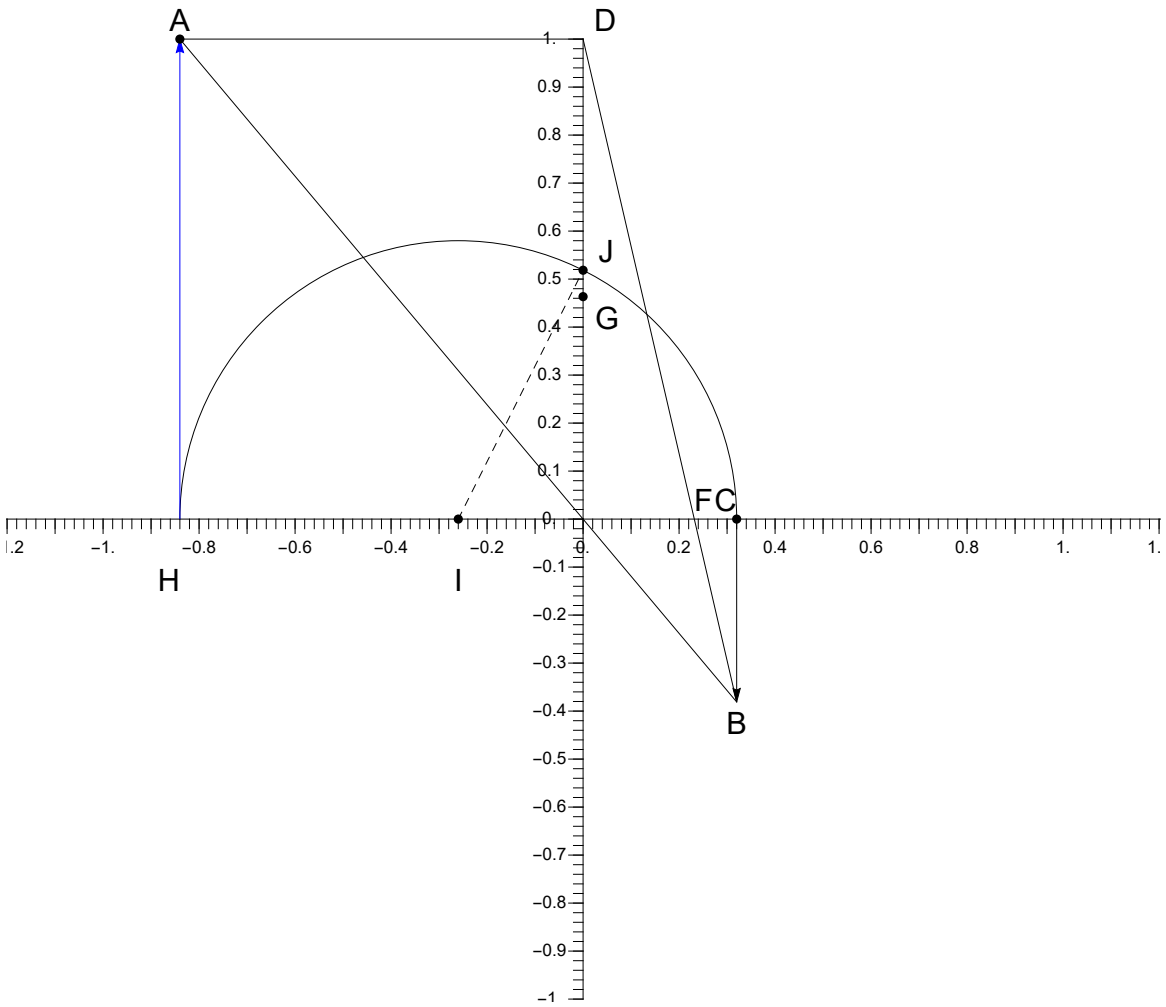
a=|HO|	b=|CO|	$(a+b)/2$=|IH|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.98	0.54	0.76	0.73	0.7

26.



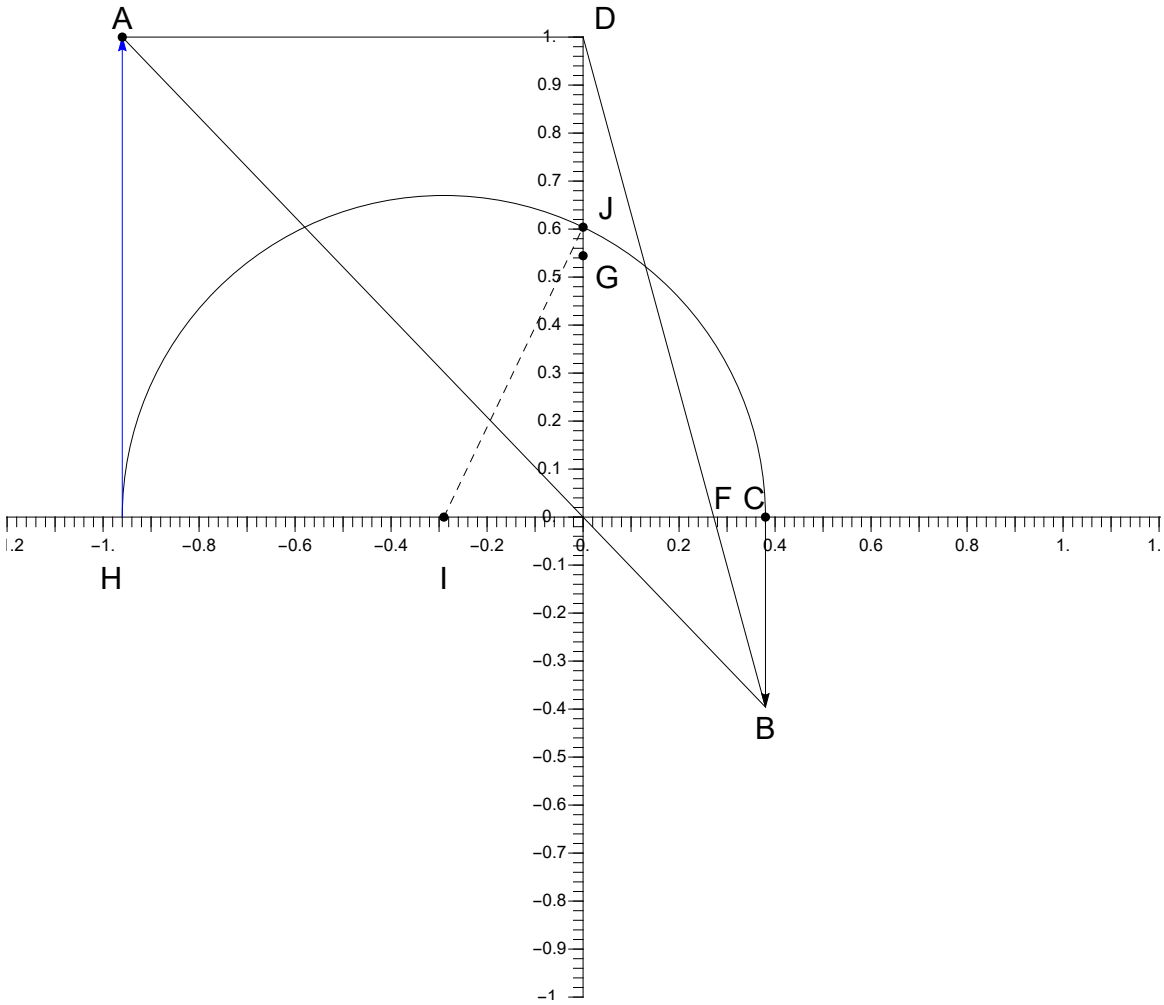
a=|HO|	b=|CO|	$(a+b)/2$=|IH|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.8	0.26	0.53	0.46	0.39

27.



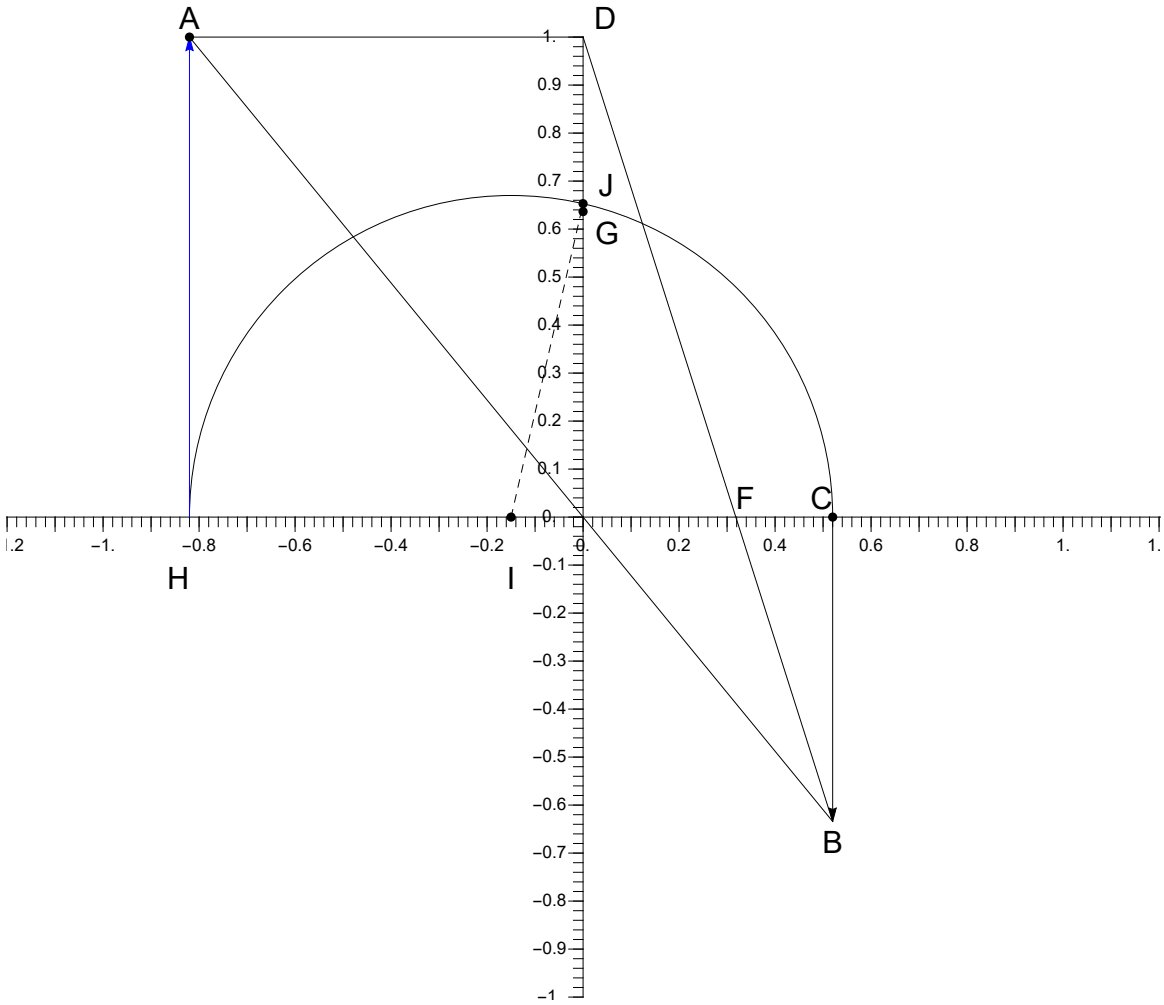
a=|HO|	b=|CO|	$(a+b)/2$=|IH|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.84	0.32	0.58	0.52	0.46

28.



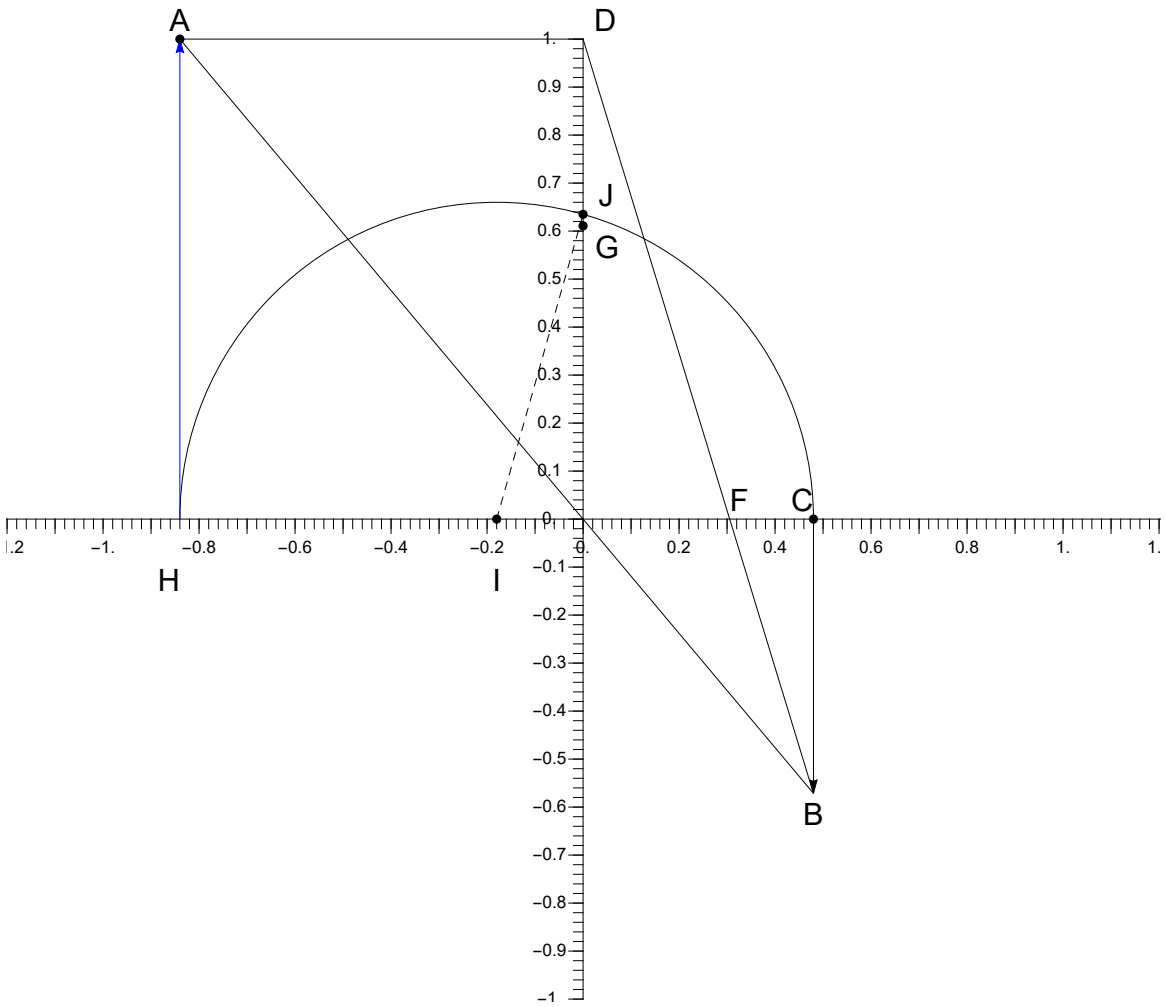
a=|HO|	b=|CO|	$(a+b)/2$=|IH|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.96	0.38	0.67	0.6	0.54

29.



a=|HO|	b=|CO|	$(a+b)/2$=|IH|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.82	0.52	0.67	0.65	0.64

30.



a=|HO|	b=|CO|	$(a+b)/2$=|IH|	$\sqrt{ab}$ =|OJ|	$2ab/(a+b)$=|OG|=2|OF|
0.84	0.48	0.66	0.63	0.61