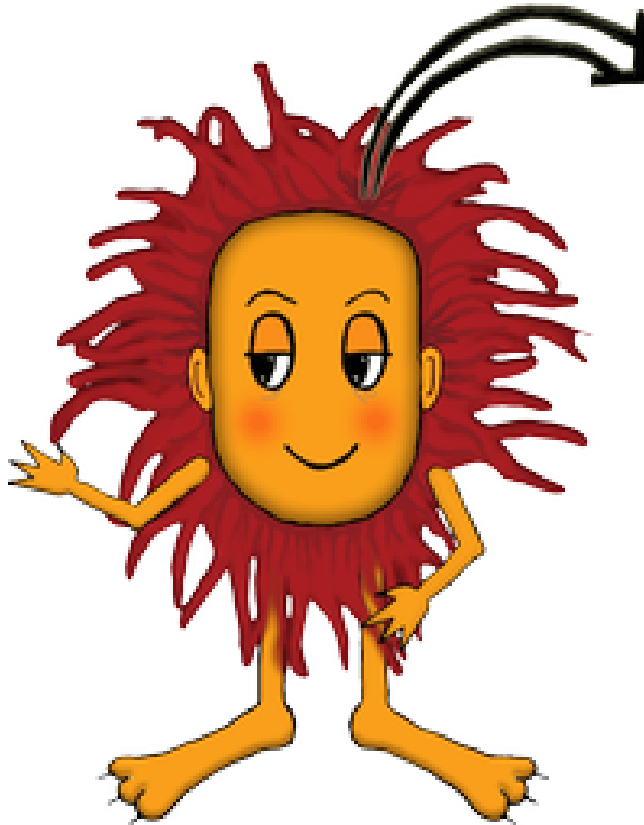


Velika logična pošast



Kvadratna enačba

Imamo kvadratno enačbo $x^2 - 2px + k^2 = 0$, kjer je $0 < k \leq p$.

Potem je $2p = x_1 + x_2$ in $k^2 = x_1 x_2$.

Torej je $p = (x_1 + x_2)/2$ aritmetična sredina in

$k = \sqrt{x_1 x_2}$ geometrična sredina ničel enačbe.

Recimo, da imamo dani števili p in k .

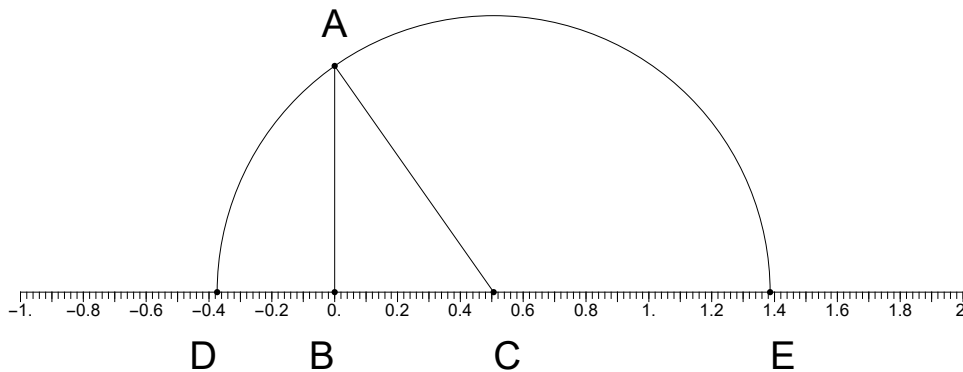
Poiskati moramo ničli enačbe.

Na sliki je $p = |AC|$ in $k = |AB|$.

Ničli sta $|DB|$ in $|BE|$.

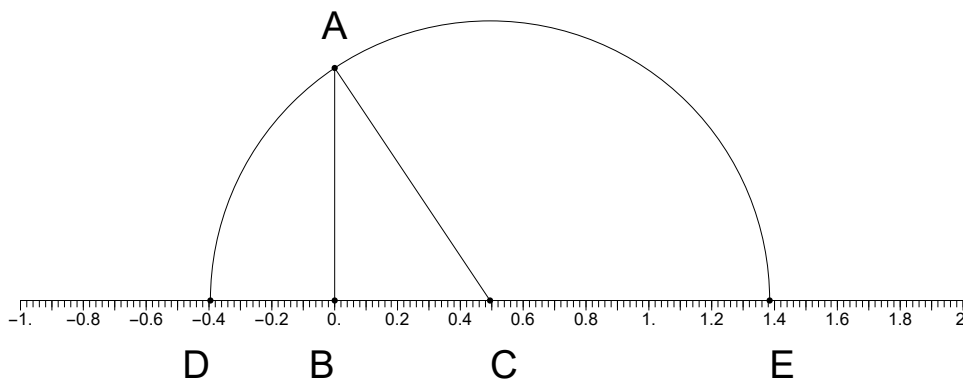
Izpolni preglednico z natančnostjo na 2 decimalki.

1.



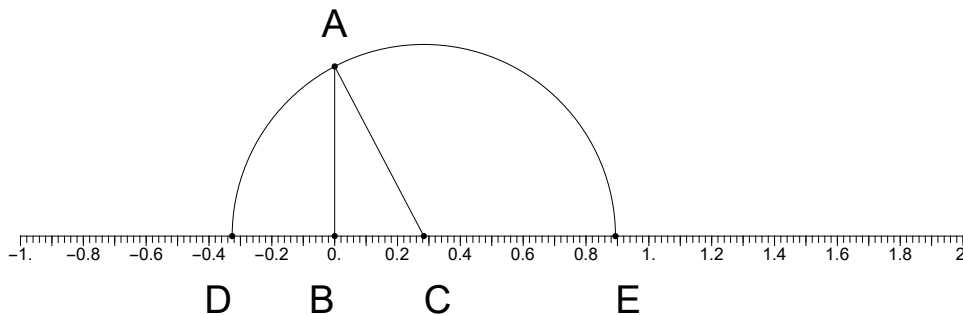
$p= AC $	$k= AB $	$x_1= DB $	$x_2= BE $

2.



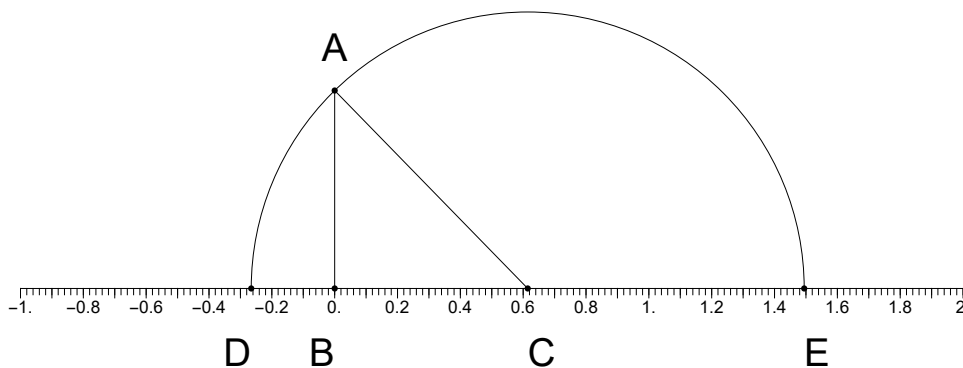
$p= AC $	$k= AB $	$x_1= DB $	$x_2= BE $

3.



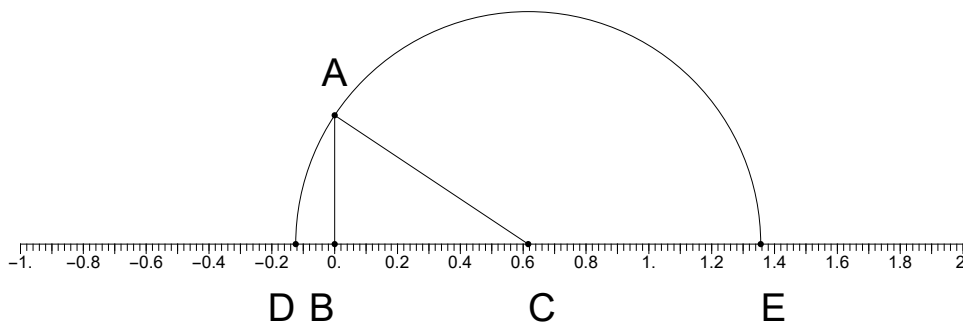
$p= AC $	$k= AB $	$x_1= DB $	$x_2= BE $

4.



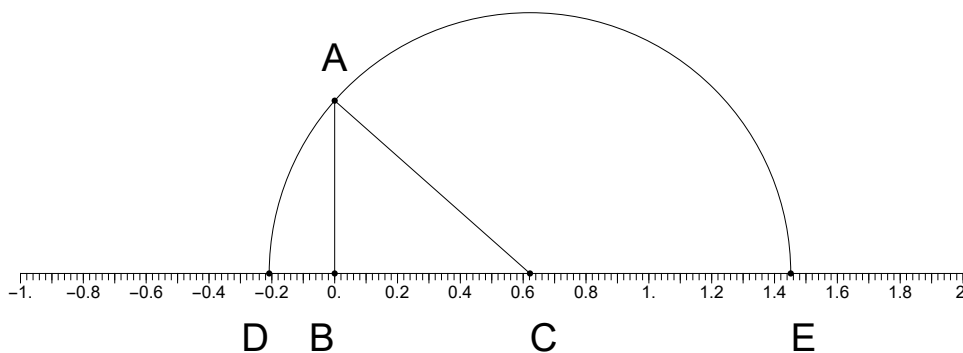
$p= AC $	$k= AB $	$x_1= DB $	$x_2= BE $

5.



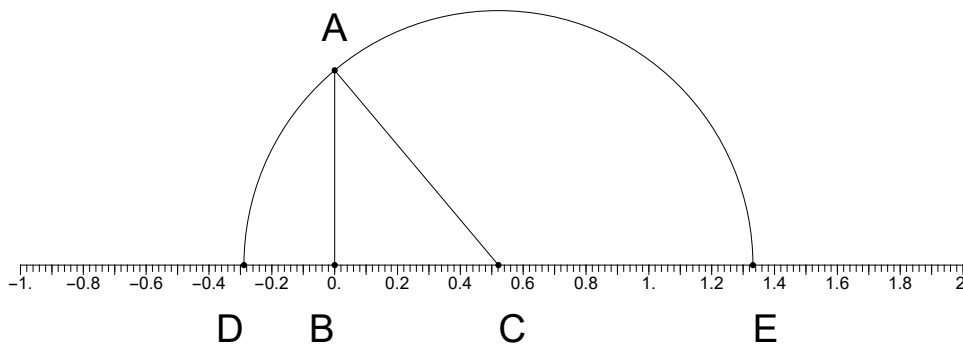
$p= AC $	$k= AB $	$x_1= DB $	$x_2= BE $

6.



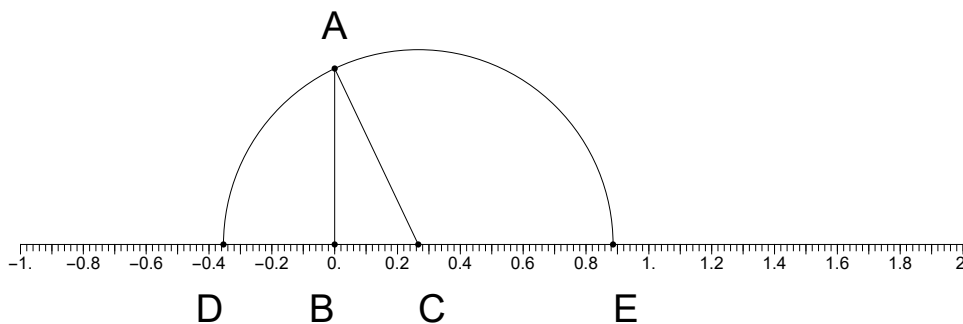
$p= AC $	$k= AB $	$x_1= DB $	$x_2= BE $

7.



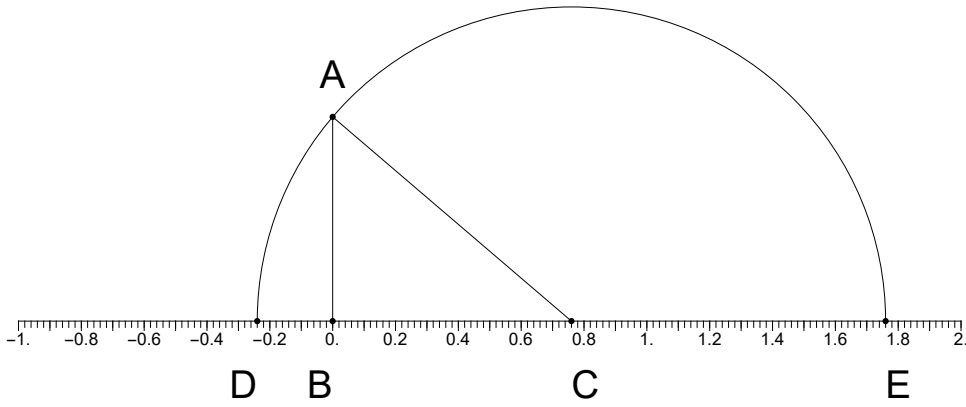
$p= AC $	$k= AB $	$x_1= DB $	$x_2= BE $

8.



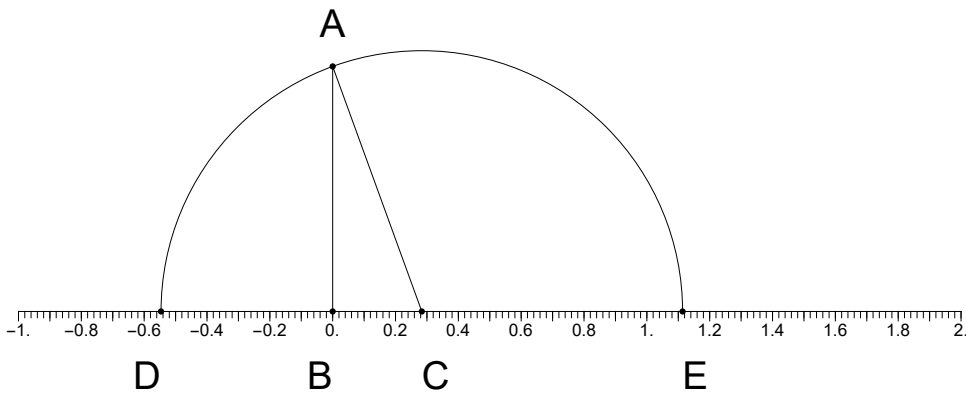
$p= AC $	$k= AB $	$x_1= DB $	$x_2= BE $

9.



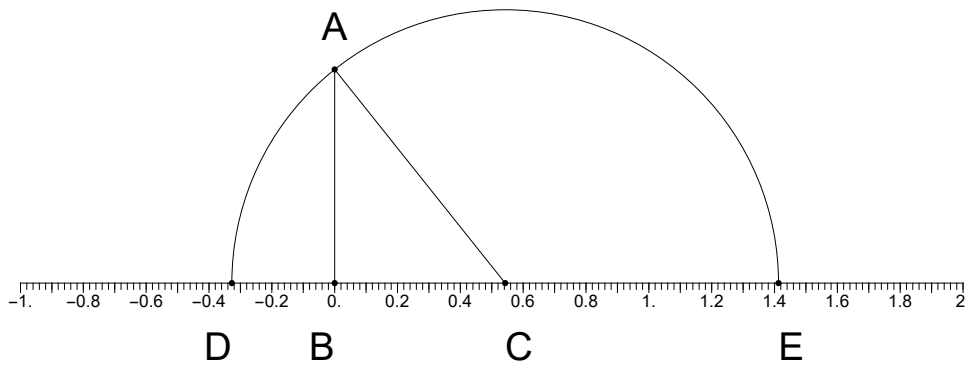
$p= AC $	$k= AB $	$x_1= DB $	$x_2= BE $

10.



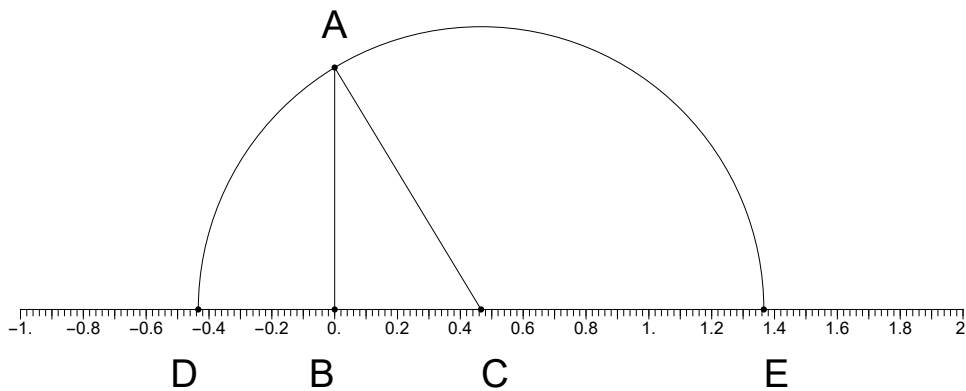
$p= AC $	$k= AB $	$x_1= DB $	$x_2= BE $

11.



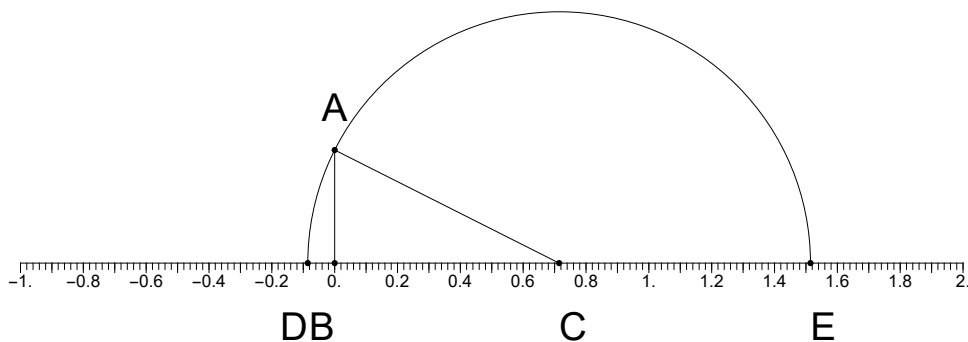
$p= AC $	$k= AB $	$x_1= DB $	$x_2= BE $

12.



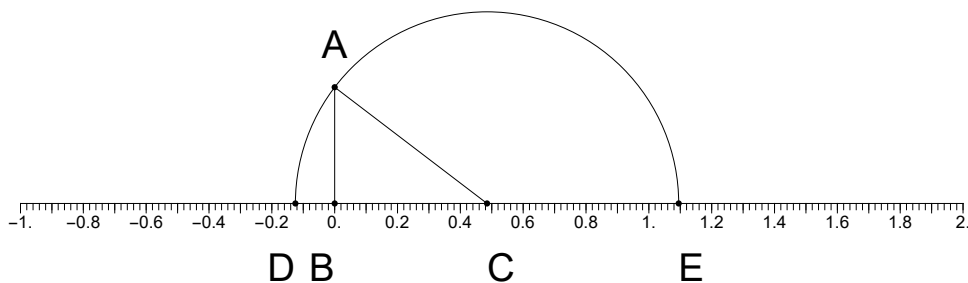
$p= AC $	$k= AB $	$x_1= DB $	$x_2= BE $

13.



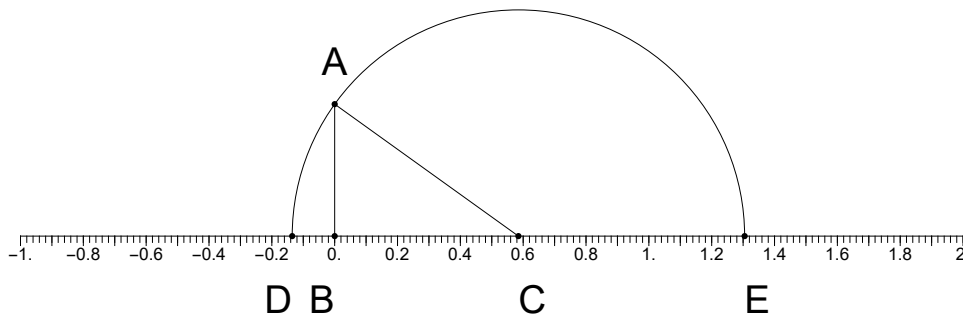
$p= AC $	$k= AB $	$x_1= DB $	$x_2= BE $

14.



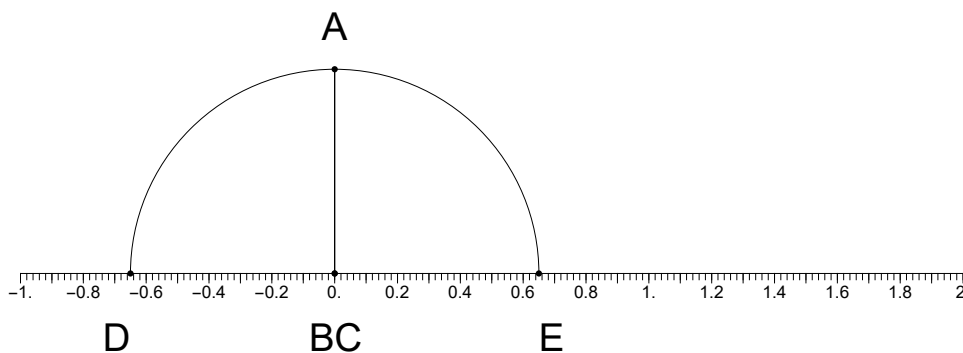
$p= AC $	$k= AB $	$x_1= DB $	$x_2= BE $

15.



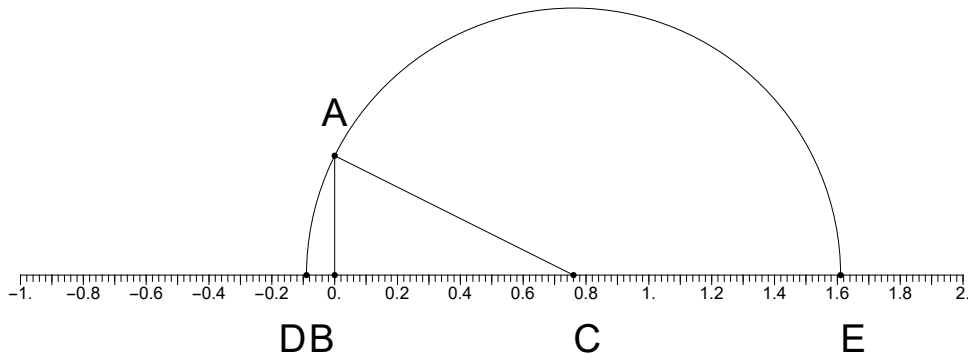
$p= AC $	$k= AB $	$x_1= DB $	$x_2= BE $

16.



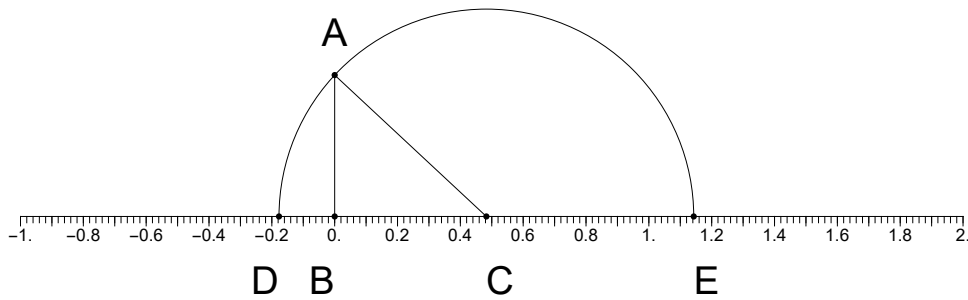
$p= AC $	$k= AB $	$x_1= DB $	$x_2= BE $

17.



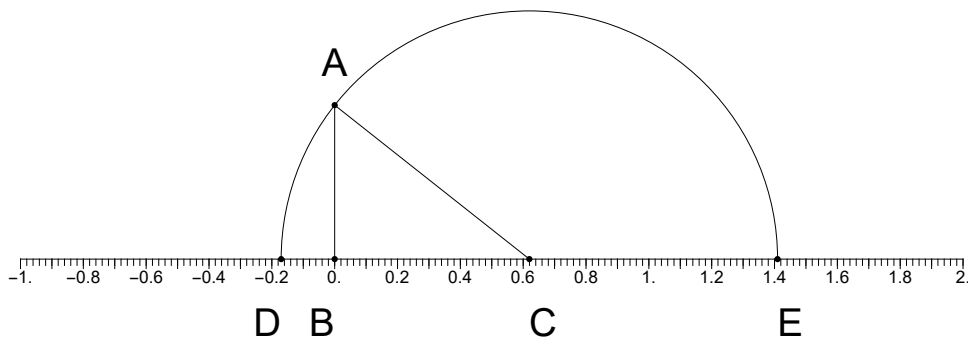
$p= AC $	$k= AB $	$x_1= DB $	$x_2= BE $

18.



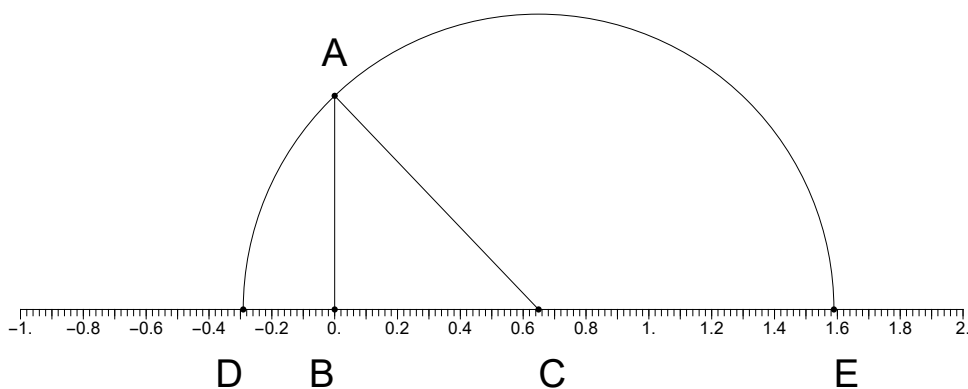
$p= AC $	$k= AB $	$x_1= DB $	$x_2= BE $

19.



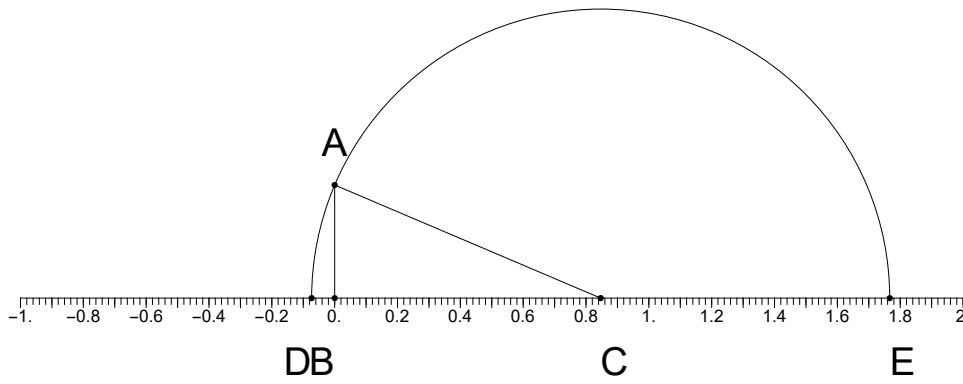
$p= AC $	$k= AB $	$x_1= DB $	$x_2= BE $

20.



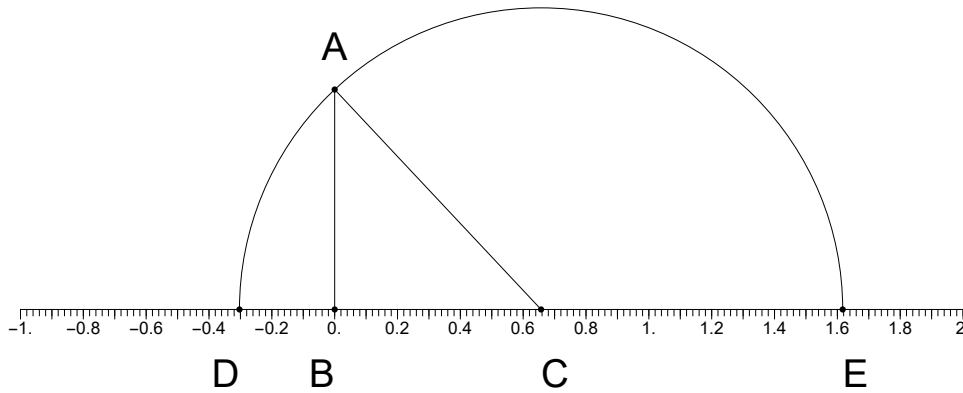
$p= AC $	$k= AB $	$x_1= DB $	$x_2= BE $

21.



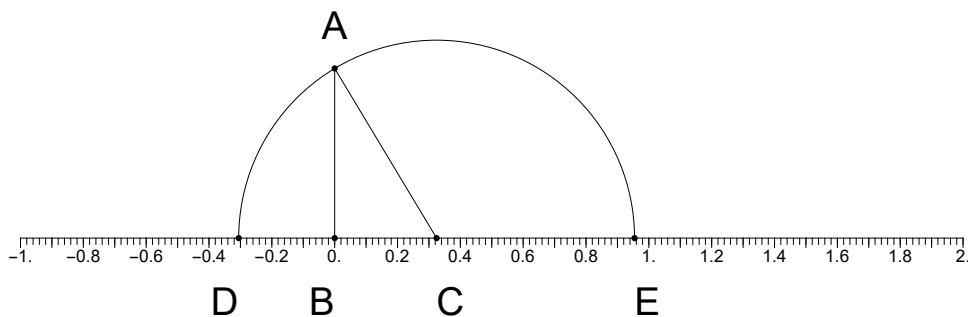
$p= AC $	$k= AB $	$x_1= DB $	$x_2= BE $

22.



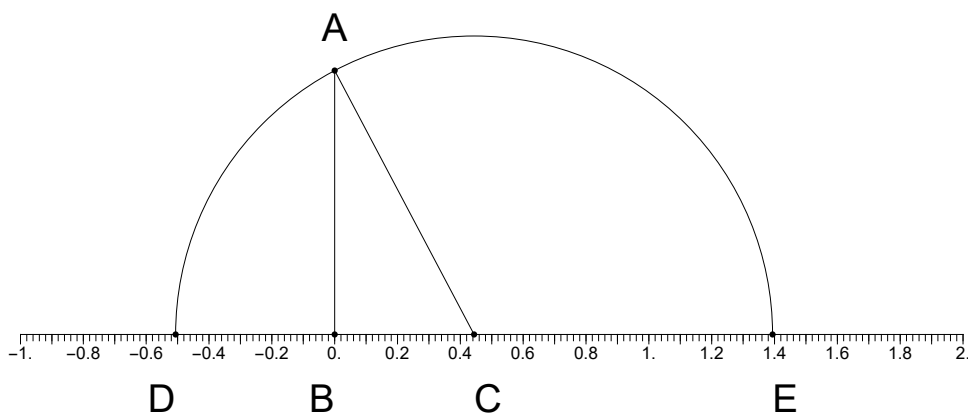
$p= AC $	$k= AB $	$x_1= DB $	$x_2= BE $

23.



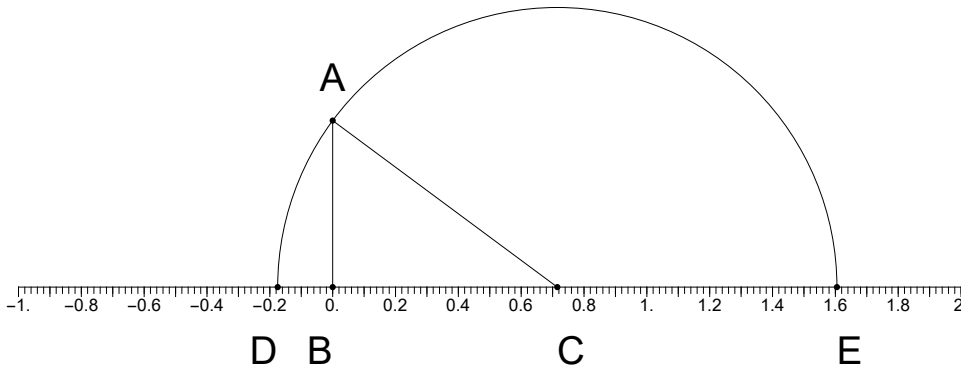
$p= AC $	$k= AB $	$x_1= DB $	$x_2= BE $

24.



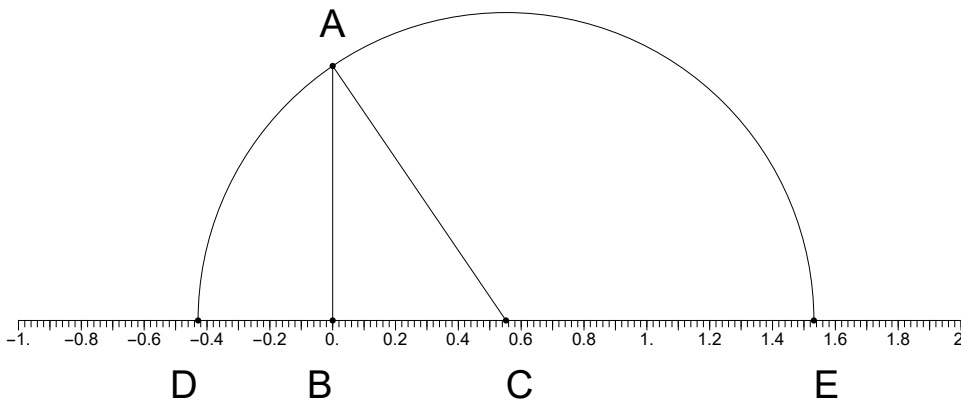
$p= AC $	$k= AB $	$x_1= DB $	$x_2= BE $

25.



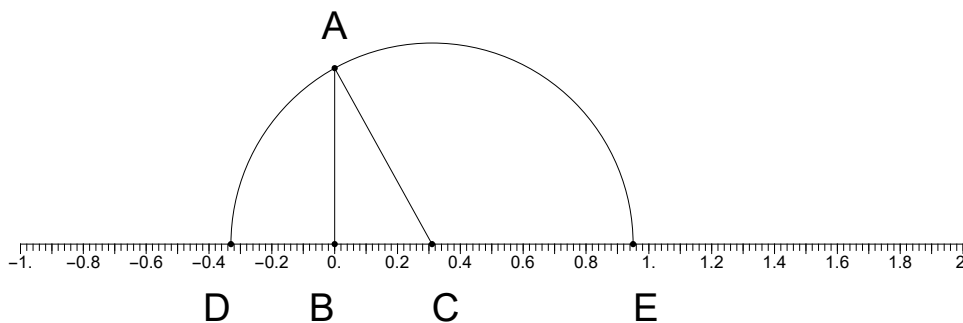
$p= AC $	$k= AB $	$x_1= DB $	$x_2= BE $

26.



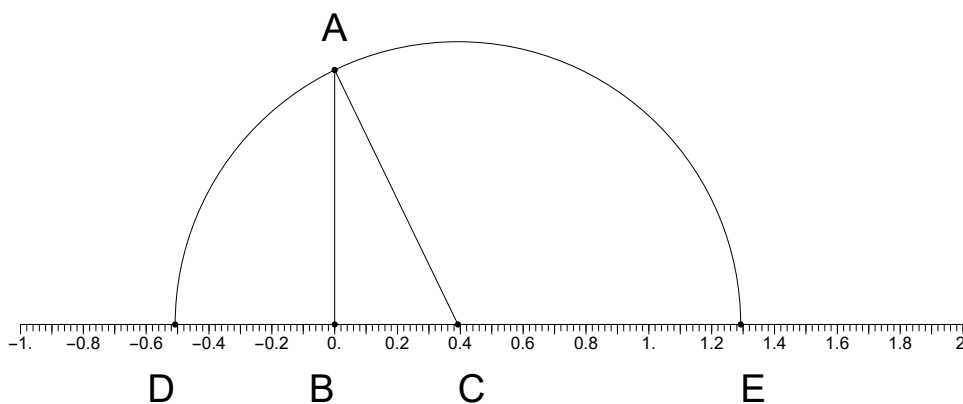
$p= AC $	$k= AB $	$x_1= DB $	$x_2= BE $

27.



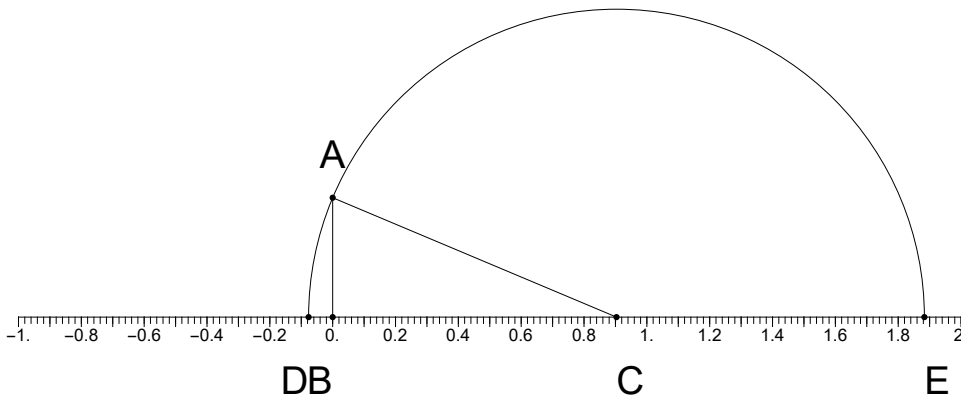
$p= AC $	$k= AB $	$x_1= DB $	$x_2= BE $

28.



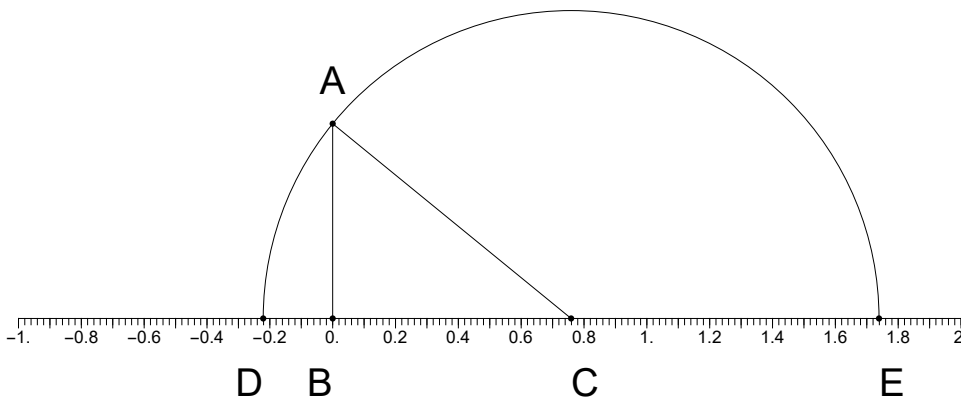
$p= AC $	$k= AB $	$x_1= DB $	$x_2= BE $

29.



$p= AC $	$k= AB $	$x_1= DB $	$x_2= BE $

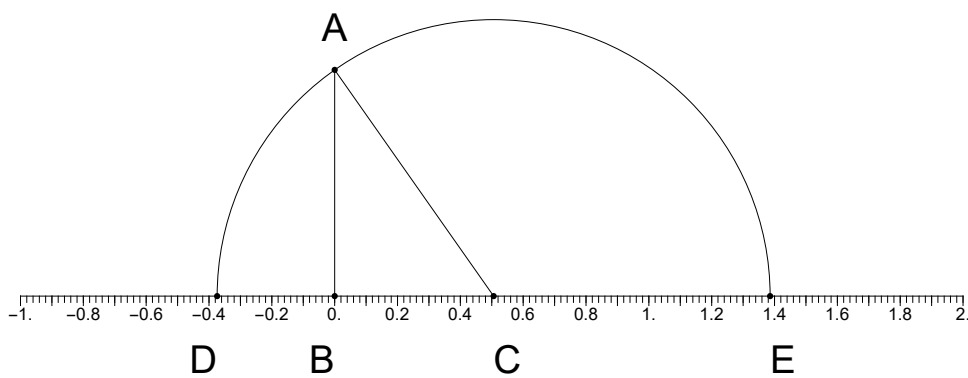
30.



$p= AC $	$k= AB $	$x_1= DB $	$x_2= BE $

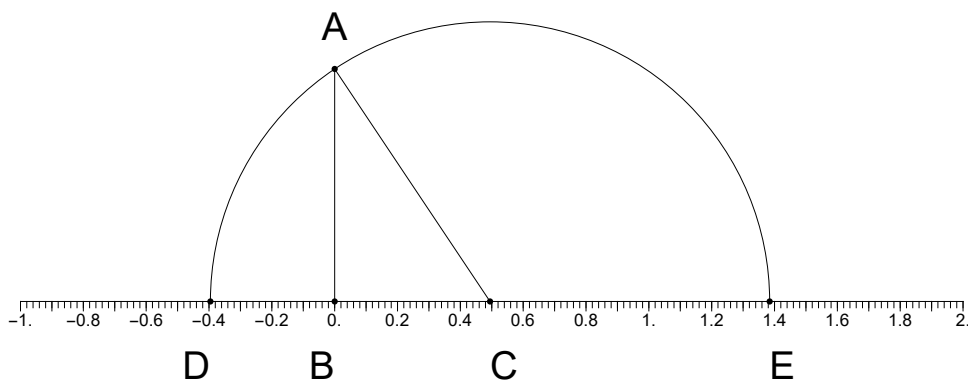
Rešitve:

1.



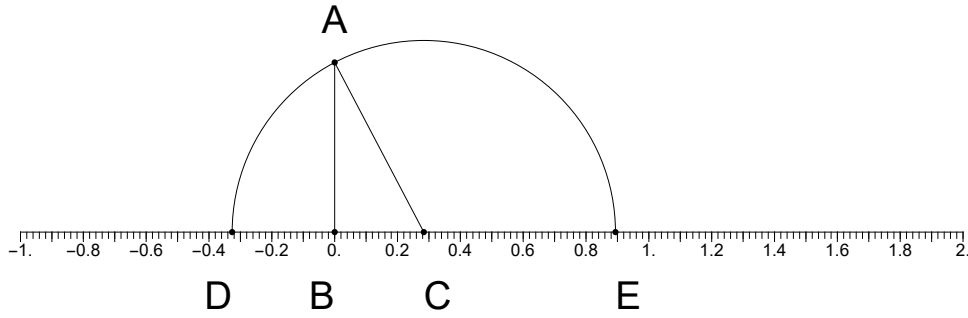
$\rho = AC $	$k = AB $	$x_1 = DB $	$x_2 = BE $
0.88	0.72	0.37	1.39

2.



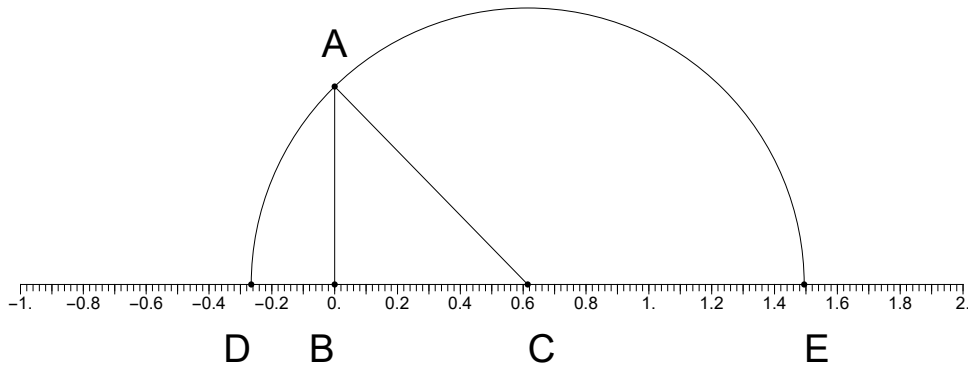
$\rho = AC $	$k = AB $	$x_1 = DB $	$x_2 = BE $
0.89	0.74	0.4	1.38

3.



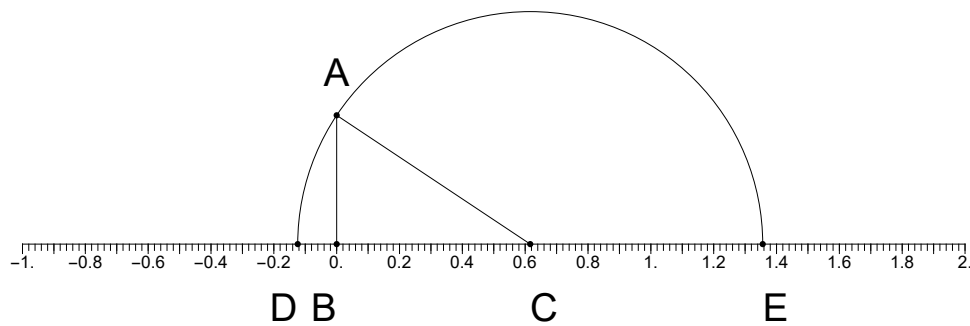
$\rho = AC $	$k = AB $	$x_1 = DB $	$x_2 = BE $
0.61	0.54	0.33	0.89

4.



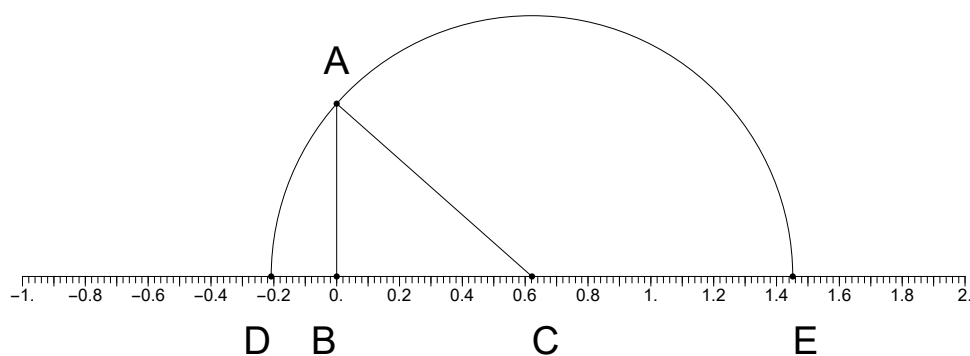
$\rho = AC $	$k = AB $	$x_1 = DB $	$x_2 = BE $
0.88	0.63	0.27	1.49

5.



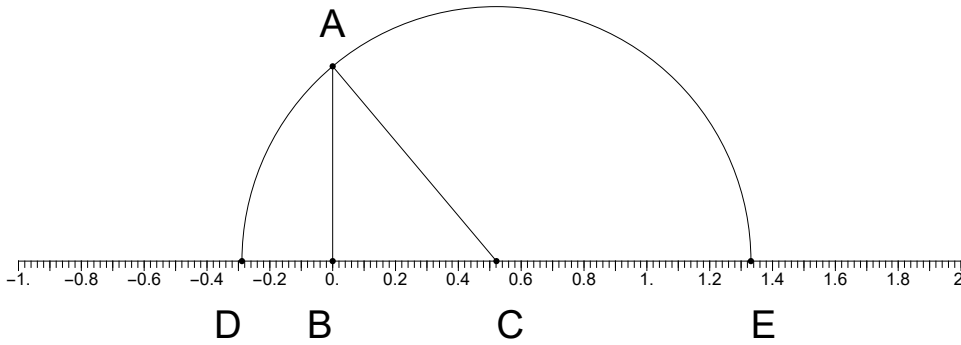
$\rho = AC $	$k = AB $	$x_1 = DB $	$x_2 = BE $
0.74	0.41	0.12	1.36

6.



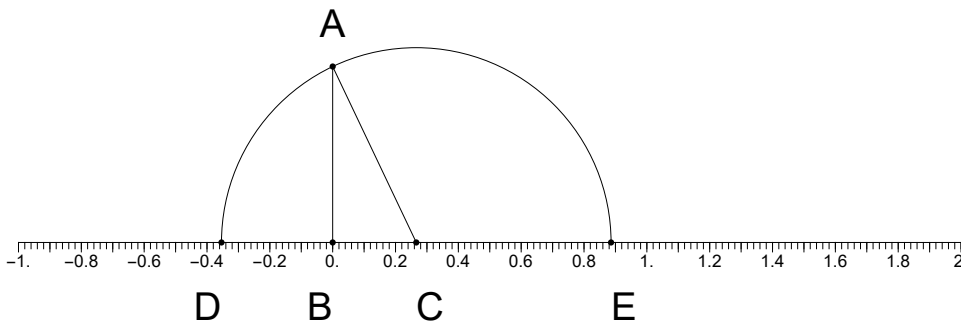
$\rho = AC $	$k = AB $	$x_1 = DB $	$x_2 = BE $
0.83	0.55	0.21	1.45

7.



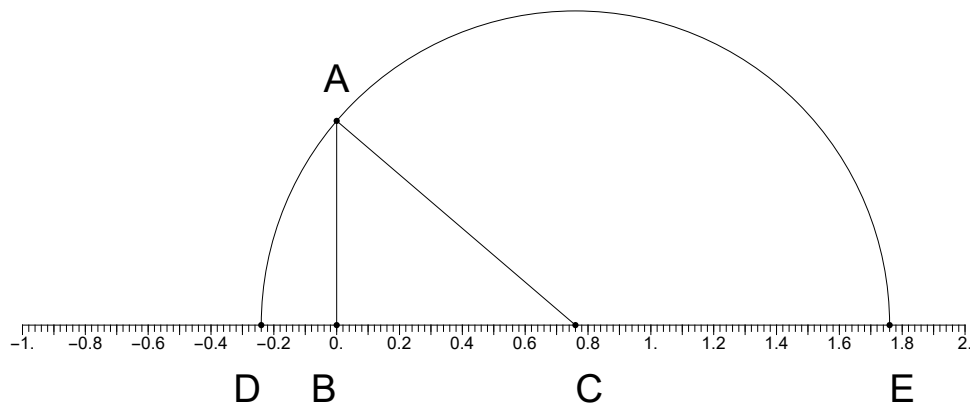
$p= AC $	$k= AB $	$x_1= DB $	$x_2= BE $
0.81	0.62	0.29	1.33

8.



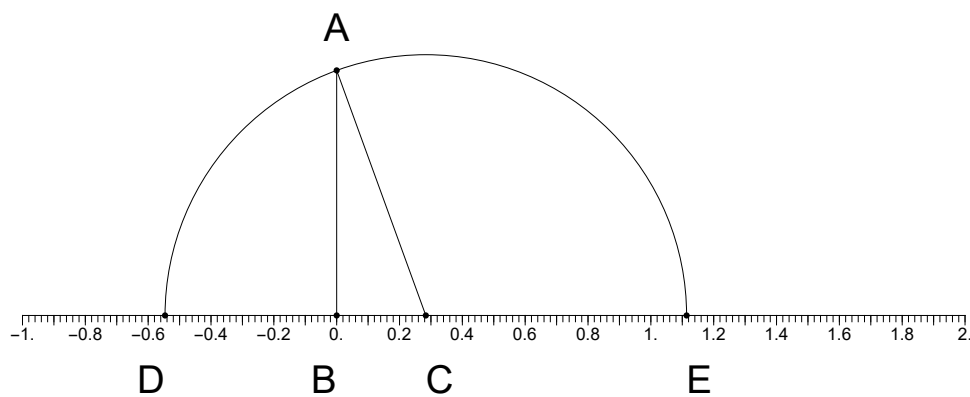
$p= AC $	$k= AB $	$x_1= DB $	$x_2= BE $
0.62	0.56	0.35	0.89

9.



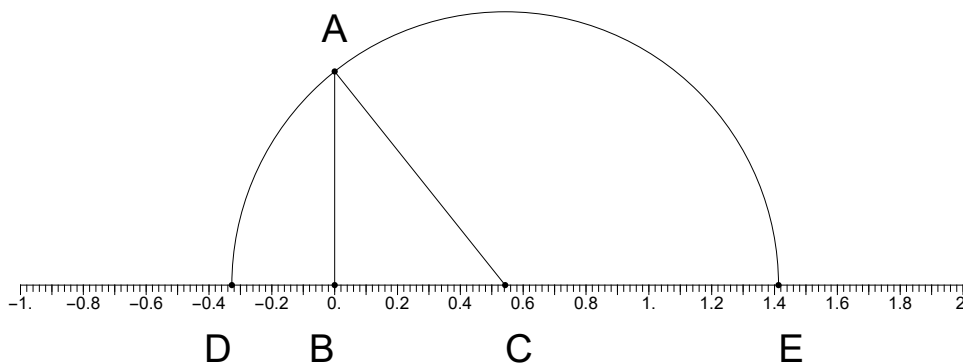
$\rho = AC $	$k = AB $	$x_1 = DB $	$x_2 = BE $
1.	0.65	0.24	1.76

10.



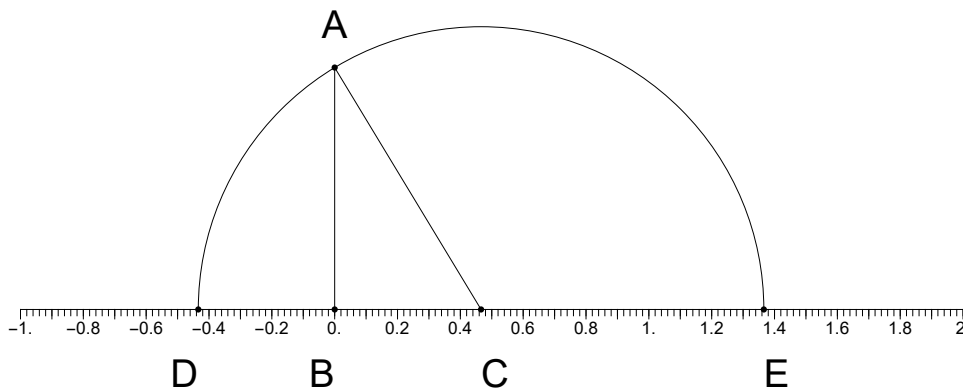
$\rho = AC $	$k = AB $	$x_1 = DB $	$x_2 = BE $
0.83	0.78	0.55	1.11

11.



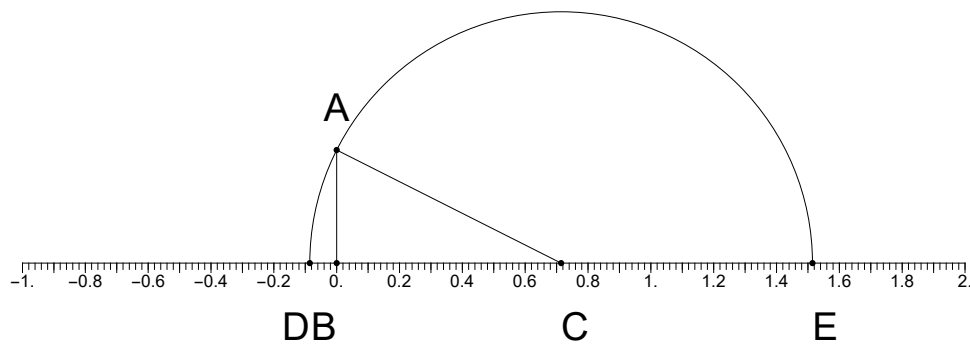
$p= AC $	$k= AB $	$x_1= DB $	$x_2= BE $
0.87	0.68	0.33	1.41

12.



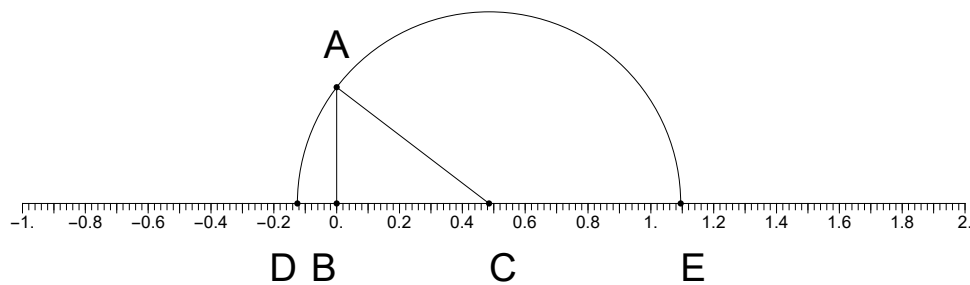
$p= AC $	$k= AB $	$x_1= DB $	$x_2= BE $
0.9	0.77	0.43	1.37

13.



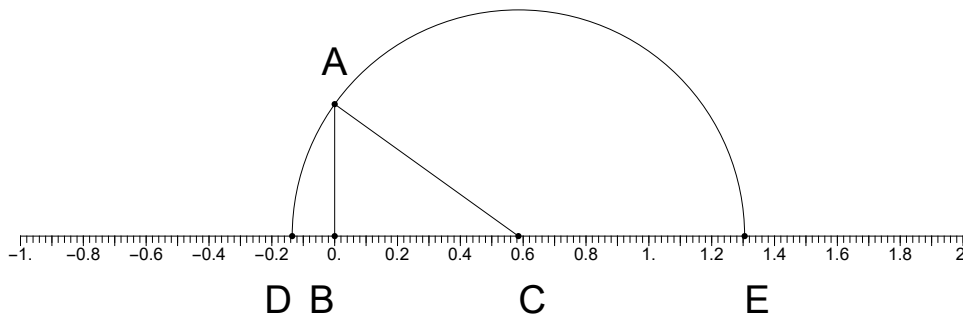
$\rho = AC $	$k = AB $	$x_1 = DB $	$x_2 = BE $
0.8	0.36	0.09	1.51

14.



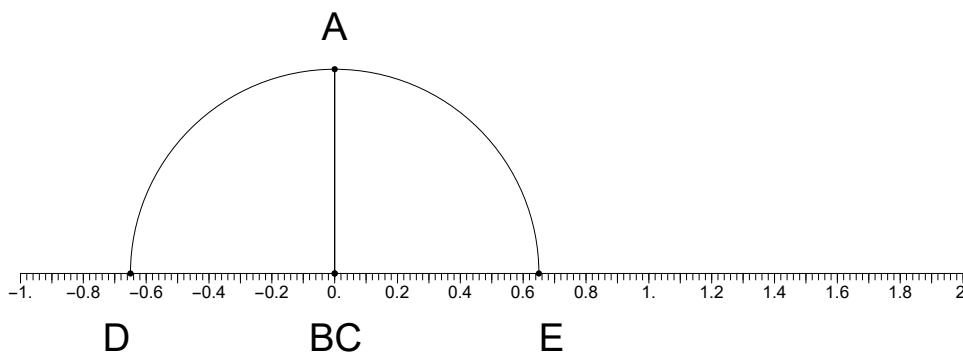
$\rho = AC $	$k = AB $	$x_1 = DB $	$x_2 = BE $
0.61	0.37	0.13	1.09

15.



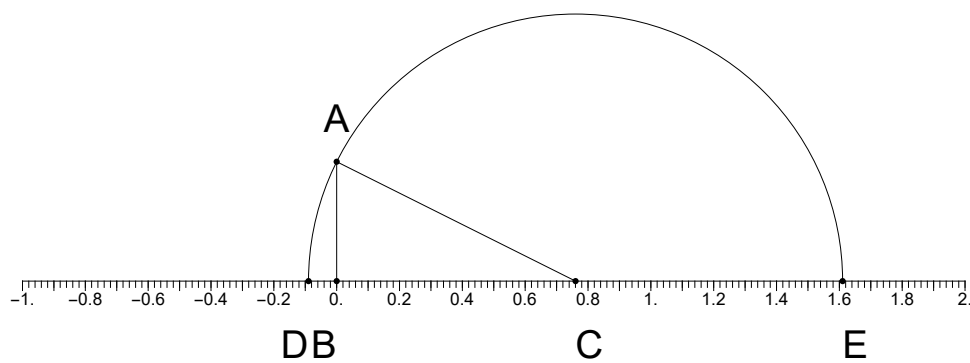
$p= AC $	$k= AB $	$x_1= DB $	$x_2= BE $
0.72	0.42	0.14	1.3

16.



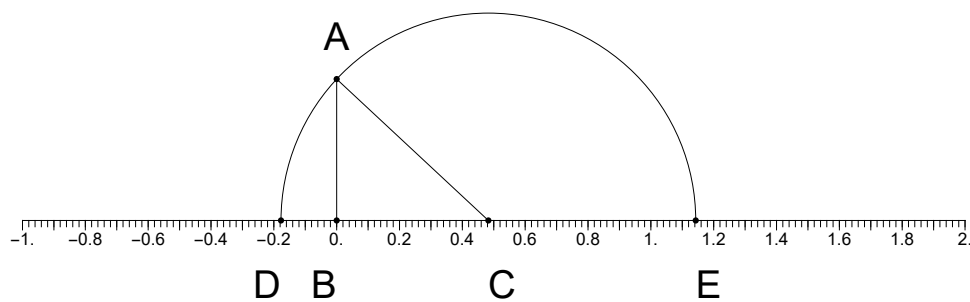
$p= AC $	$k= AB $	$x_1= DB $	$x_2= BE $
0.65	0.65	0.65	0.65

17.



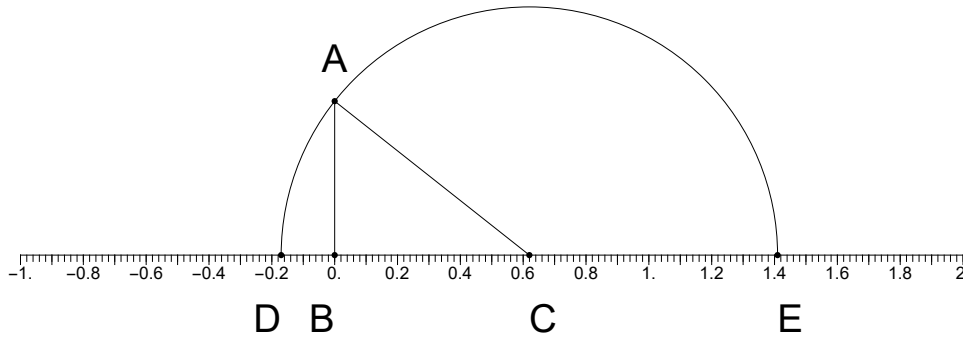
$\rho = AC $	$k = AB $	$x_1 = DB $	$x_2 = BE $
0.85	0.38	0.09	1.61

18.



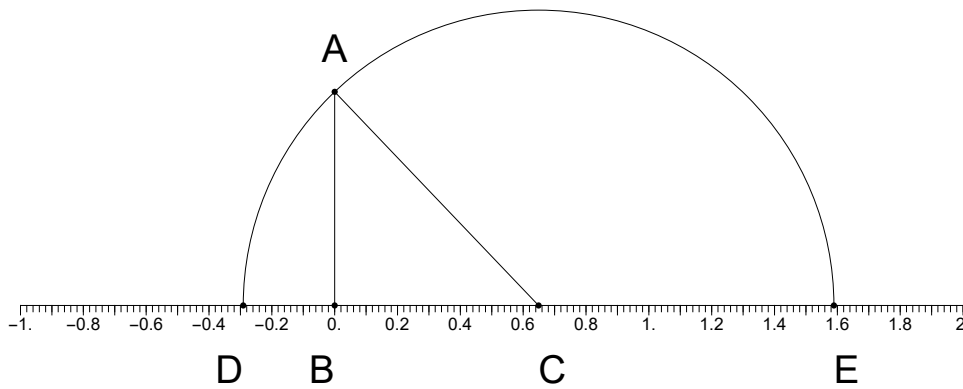
$\rho = AC $	$k = AB $	$x_1 = DB $	$x_2 = BE $
0.66	0.45	0.18	1.14

19.



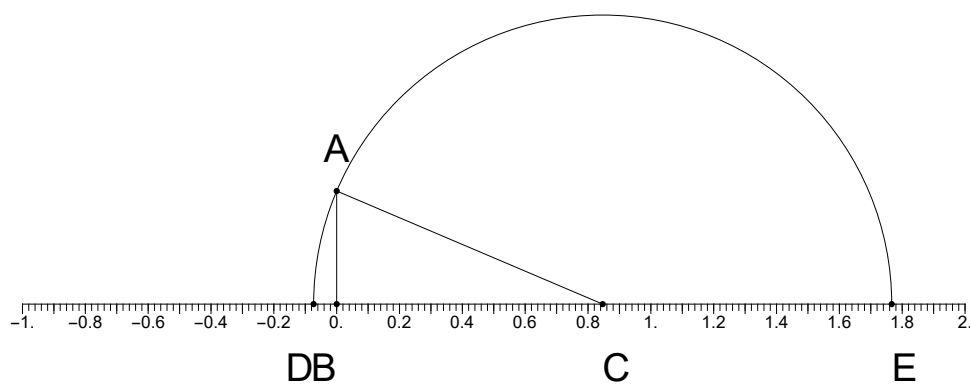
$p= AC $	$k= AB $	$x_1= DB $	$x_2= BE $
0.79	0.49	0.17	1.41

20.



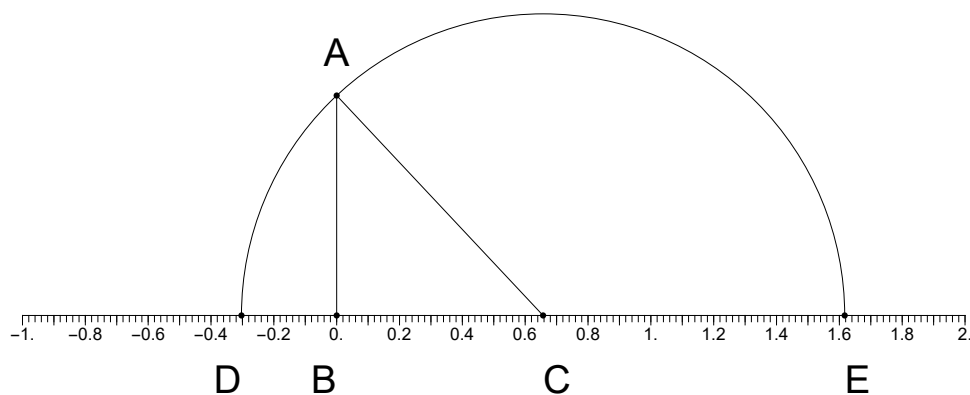
$p= AC $	$k= AB $	$x_1= DB $	$x_2= BE $
0.94	0.68	0.29	1.59

21.



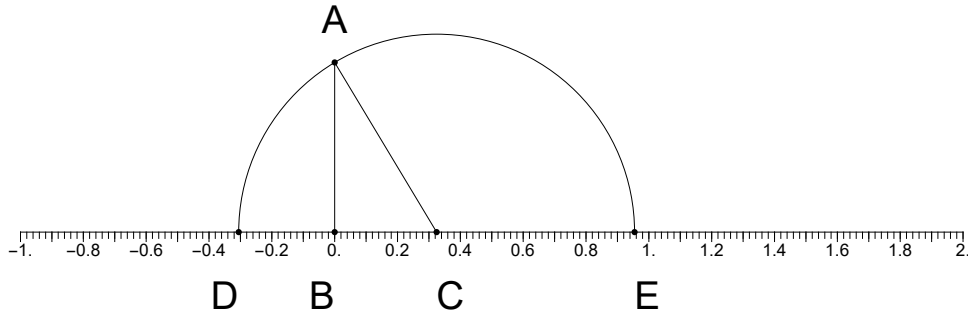
$\rho = AC $	$k = AB $	$x_1 = DB $	$x_2 = BE $
0.92	0.36	0.07	1.77

22.



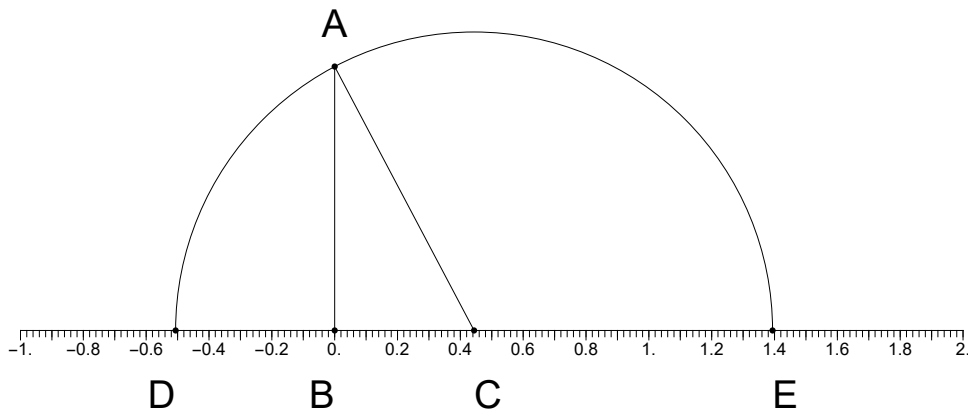
$\rho = AC $	$k = AB $	$x_1 = DB $	$x_2 = BE $
0.96	0.7	0.3	1.62

23.



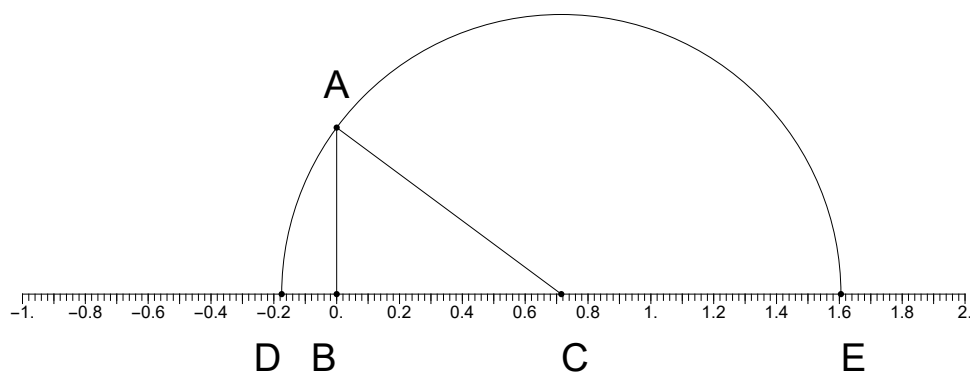
$p= AC $	$k= AB $	$x_1= DB $	$x_2= BE $
0.63	0.54	0.31	0.95

24.



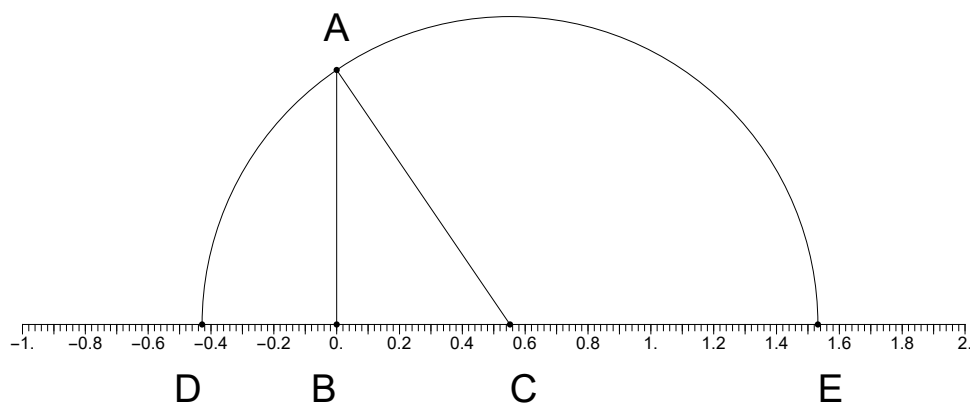
$p= AC $	$k= AB $	$x_1= DB $	$x_2= BE $
0.95	0.84	0.51	1.39

25.



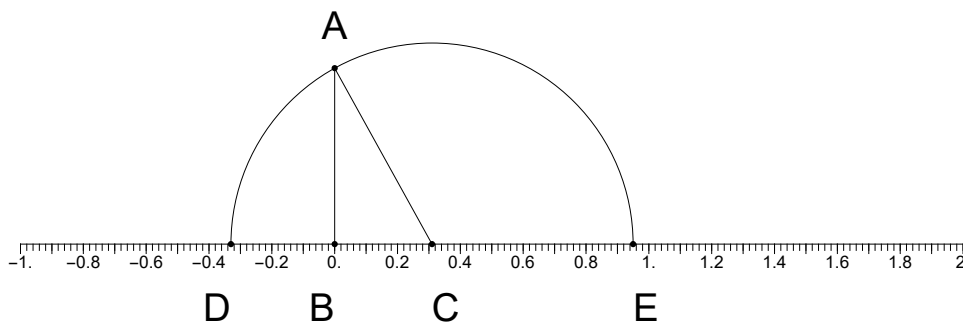
$\rho = AC $	$k = AB $	$x_1 = DB $	$x_2 = BE $
0.89	0.53	0.18	1.6

26.



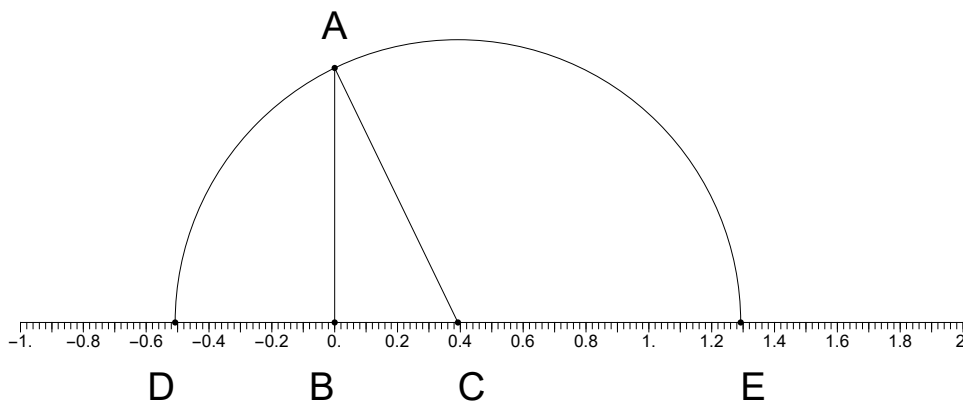
$\rho = AC $	$k = AB $	$x_1 = DB $	$x_2 = BE $
0.98	0.81	0.43	1.53

27.



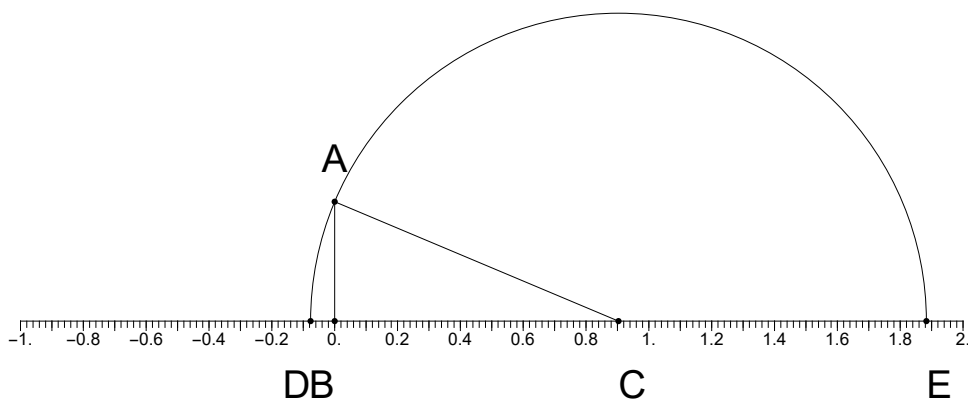
$p= AC $	$k= AB $	$x_1= DB $	$x_2= BE $
0.64	0.56	0.33	0.95

28.



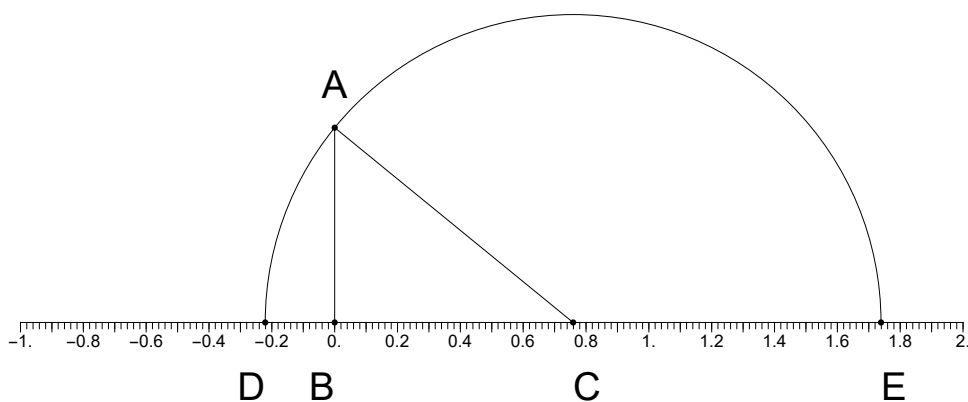
$p= AC $	$k= AB $	$x_1= DB $	$x_2= BE $
0.9	0.81	0.51	1.29

29.



$\rho = AC $	$k = AB $	$x_1 = DB $	$x_2 = BE $
0.98	0.38	0.08	1.88

30.



$\rho = AC $	$k = AB $	$x_1 = DB $	$x_2 = BE $
0.98	0.62	0.22	1.74