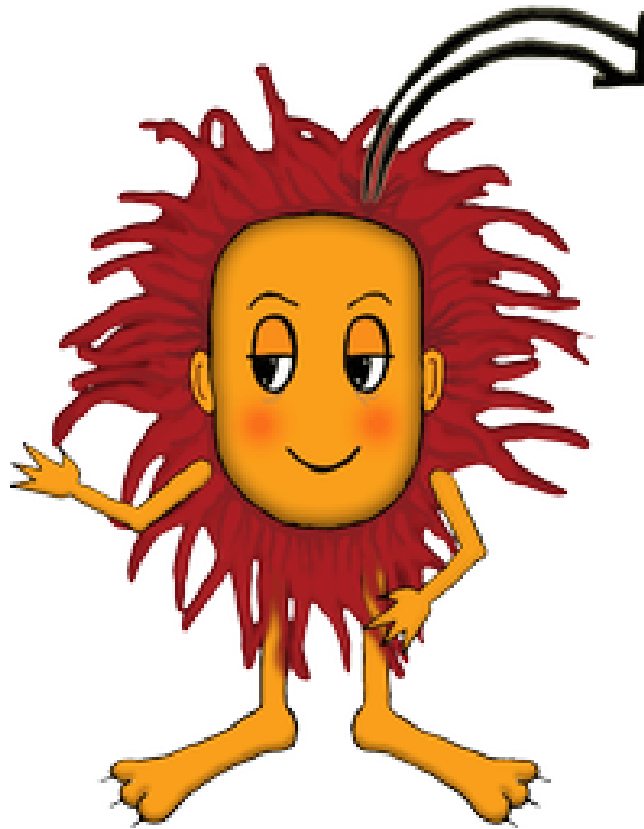


## Velika logična pošast



## Razmerje odsekov simetrale kota

Simetrala kota pri C seka osnovnico AB v točki D.  
Izmeri dolžine daljic BD in AD ter BC in CA na 2 decimalki natančno.  
Nato izmeri še kota  $\angle DCA$  in  $\angle BCD$  do stopinje natančno.  
Izračunaj še  $|BC|/|AC|$  in  $|BD|/|AD|$ .  
Kaj opaziš?





























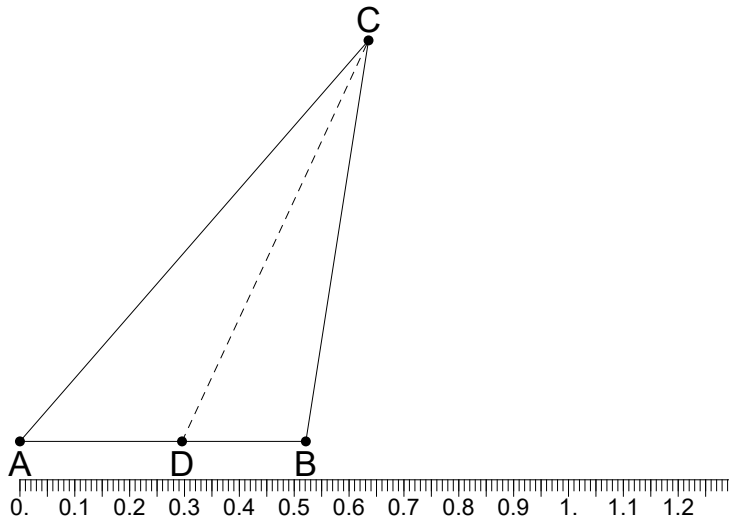






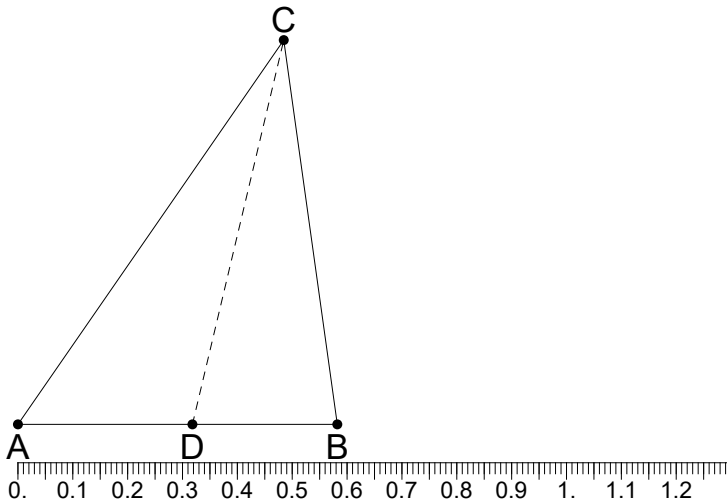
Rešitve:

1.



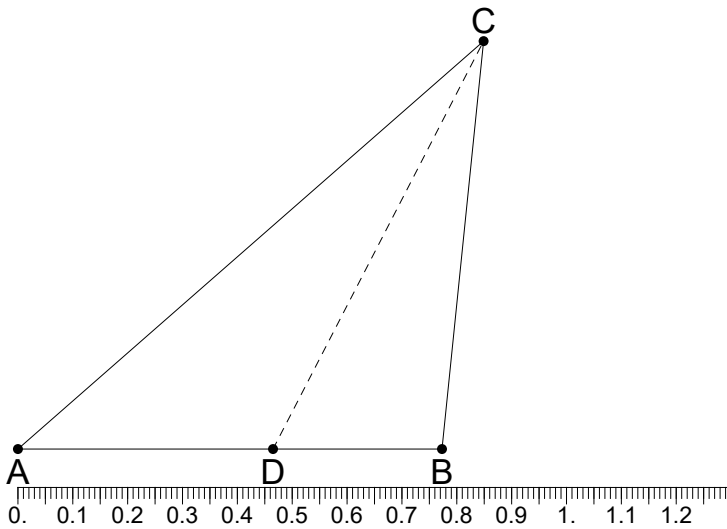
$ BD $	$ AD $	$ BC $	$ CA $	$\angle DCA$	$\angle BCD$	$ BC / AC $	$ BD / AD $
0.23	0.3	0.74	0.97	$16^\circ$	$16^\circ$	0.76	0.76

2.



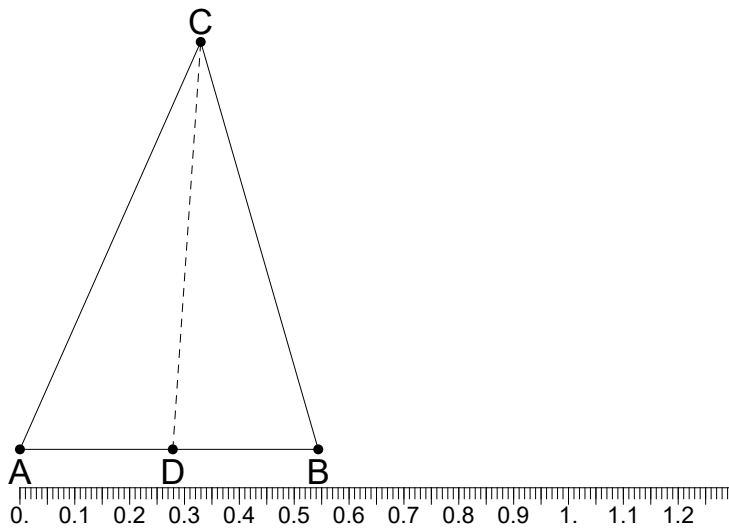
$ BD $	$ AD $	$ BC $	$ CA $	$\angle DCA$	$\angle BCD$	$ BC / AC $	$ BD / AD $
0.26	0.32	0.71	0.85	$21^\circ$	$21^\circ$	0.83	0.83

3.



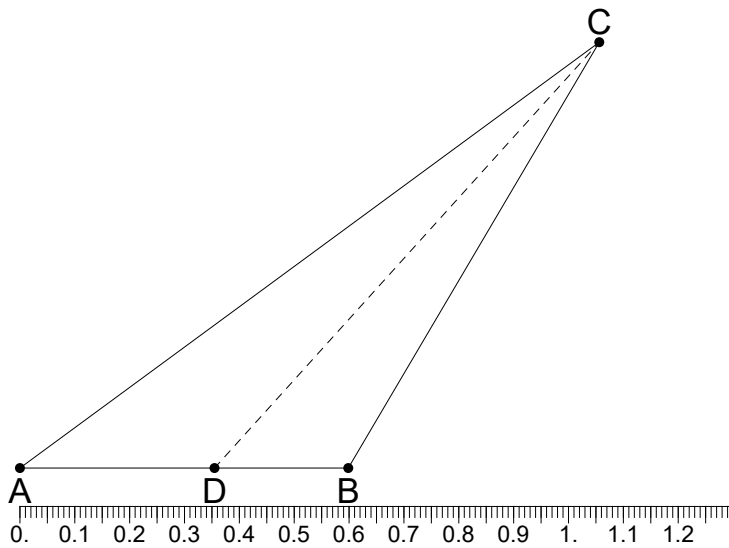
$ BD $	$ AD $	$ BC $	$ CA $	$\angle DCA$	$\angle BCD$	$ BC / AC $	$ BD / AD $
0.31	0.47	0.75	1.13	$21^\circ$	$21^\circ$	0.66	0.66

4.



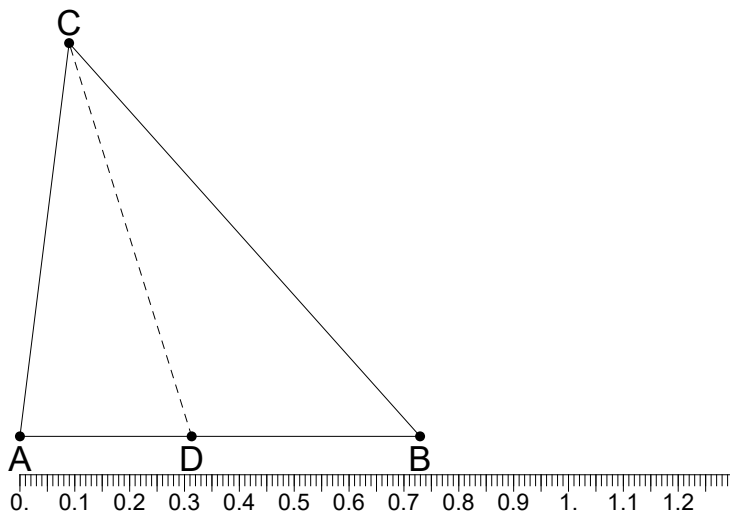
$ BD $	$ AD $	$ BC $	$ CA $	$\angle DCA$	$\angle BCD$	$ BC / AC $	$ BD / AD $
0.27	0.28	0.77	0.81	$20^\circ$	$20^\circ$	0.95	0.95

5.



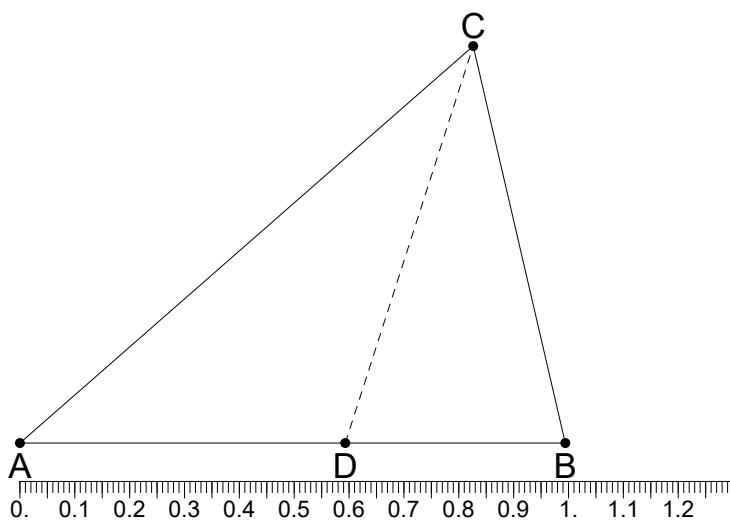
$ BD $	$ AD $	$ BC $	$ CA $	$\angle DCA$	$\angle BCD$	$ BC / AC $	$ BD / AD $
0.24	0.35	0.9	1.31	$12^\circ$	$12^\circ$	0.69	0.69

6.



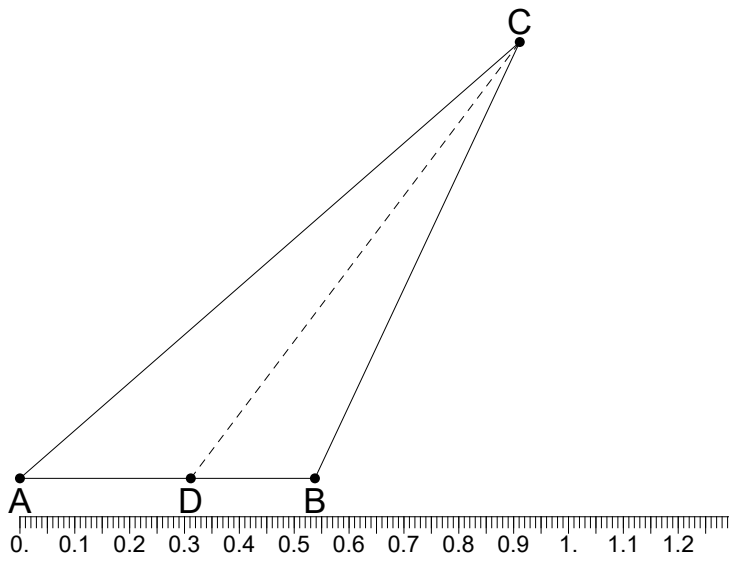
$ BD $	$ AD $	$ BC $	$ CA $	$\angle DCA$	$\angle BCD$	$ BC / AC $	$ BD / AD $
0.42	0.31	0.96	0.72	$24^\circ$	$24^\circ$	1.33	1.33

7.



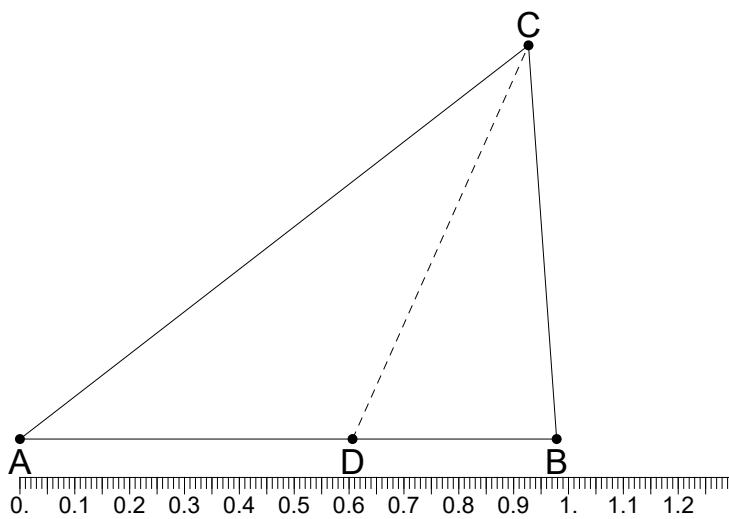
$ BD $	$ AD $	$ BC $	$ CA $	$\angle DCA$	$\angle BCD$	$ BC / AC $	$ BD / AD $
0.4	0.59	0.74	1.1	$31^\circ$	$31^\circ$	0.68	0.68

8.



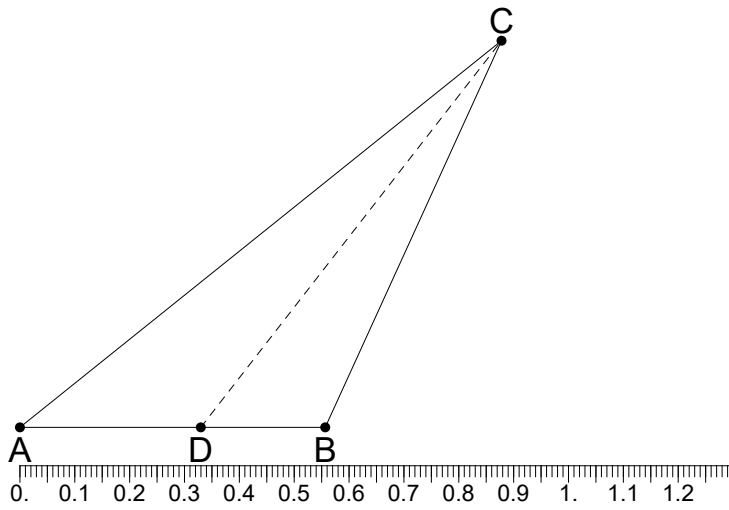
$ BD $	$ AD $	$ BC $	$ CA $	$\angle DCA$	$\angle BCD$	$ BC / AC $	$ BD / AD $
0.23	0.31	0.88	1.21	$12^\circ$	$12^\circ$	0.73	0.73

9.



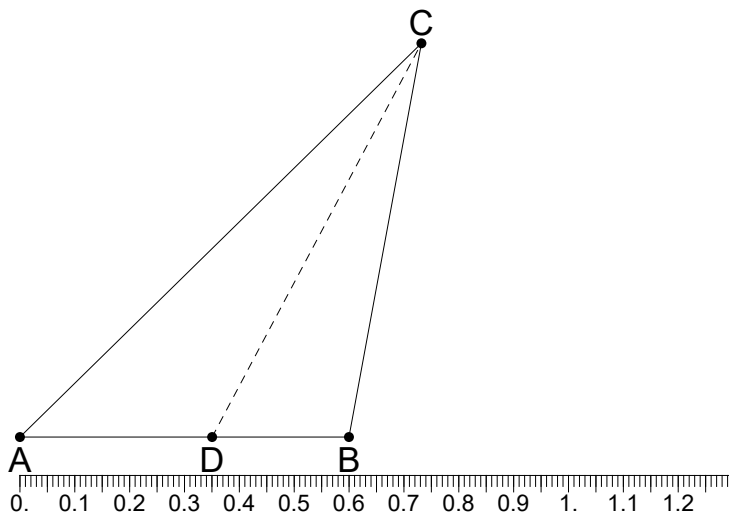
$ BD $	$ AD $	$ BC $	$ CA $	$\angle DCA$	$\angle BCD$	$ BC / AC $	$ BD / AD $
0.37	0.61	0.72	1.17	$28^\circ$	$28^\circ$	0.61	0.61

10.



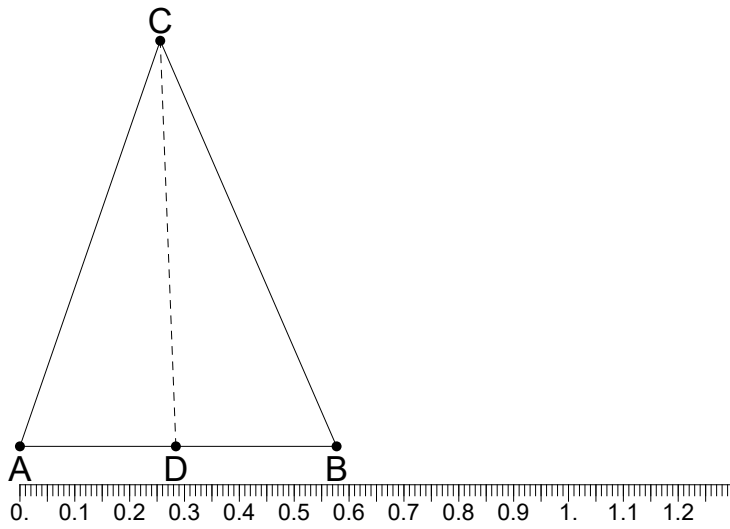
$ BD $	$ AD $	$ BC $	$ CA $	$\angle DCA$	$\angle BCD$	$ BC / AC $	$ BD / AD $
0.23	0.33	0.77	1.13	$13^\circ$	$13^\circ$	0.69	0.69

11.



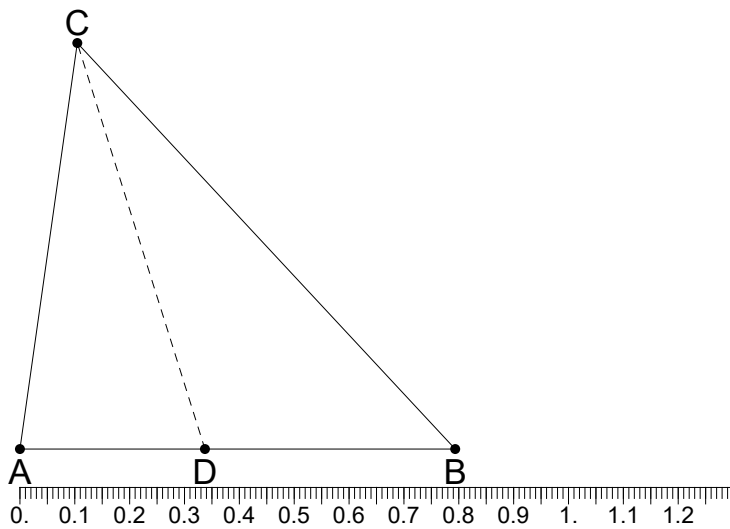
$ BD $	$ AD $	$ BC $	$ CA $	$\angle DCA$	$\angle BCD$	$ BC / AC $	$ BD / AD $
0.25	0.35	0.73	1.03	$18^\circ$	$18^\circ$	0.71	0.71

12.



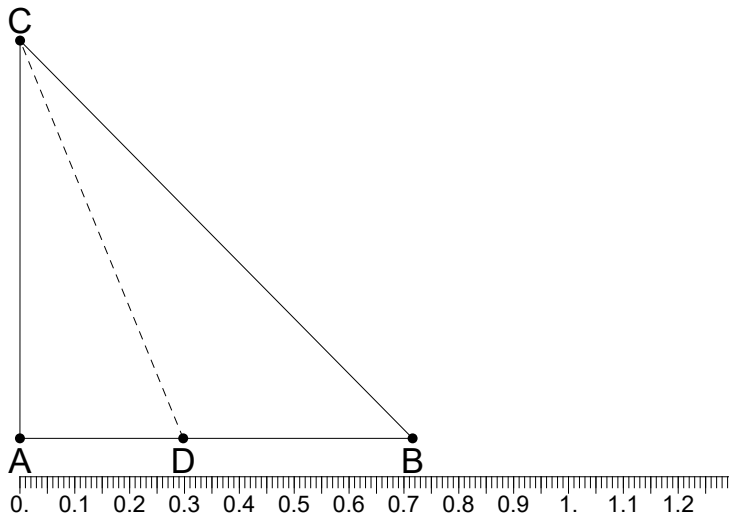
$ BD $	$ AD $	$ BC $	$ CA $	$\angle DCA$	$\angle BCD$	$ BC / AC $	$ BD / AD $
0.29	0.28	0.81	0.78	$21^\circ$	$21^\circ$	1.03	1.03

13.



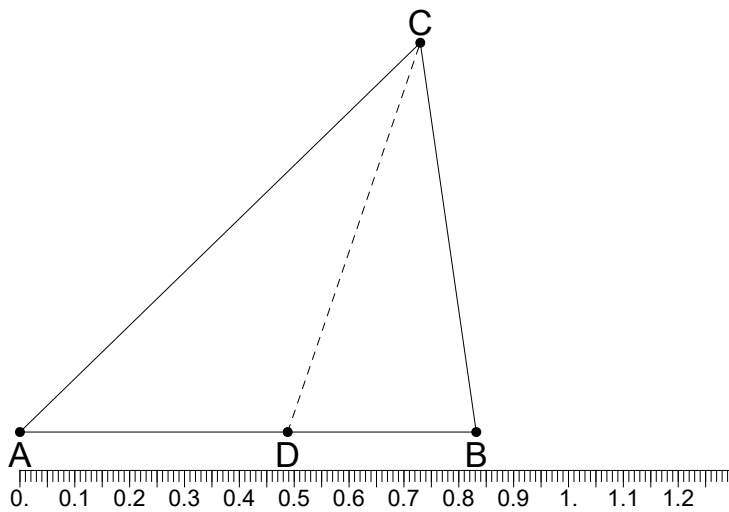
$ BD $	$ AD $	$ BC $	$ CA $	$\angle DCA$	$\angle BCD$	$ BC / AC $	$ BD / AD $
0.46	0.34	1.01	0.75	$25^\circ$	$25^\circ$	1.35	1.35

14.



$ BD $	$ AD $	$ BC $	$ CA $	$\angle DCA$	$\angle BCD$	$ BC / AC $	$ BD / AD $
0.42	0.3	1.02	0.73	$22^\circ$	$22^\circ$	1.4	1.4

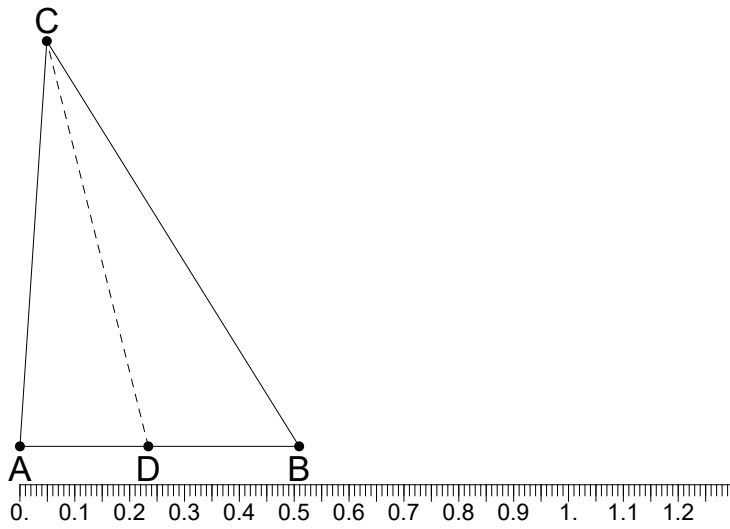
15.



$ BD $	$ AD $	$ BC $	$ CA $	$\angle DCA$	$\angle BCD$	$ BC / AC $	$ BD / AD $
0.34	0.49	0.72	1.02	$27^\circ$	$27^\circ$	0.7	0.7

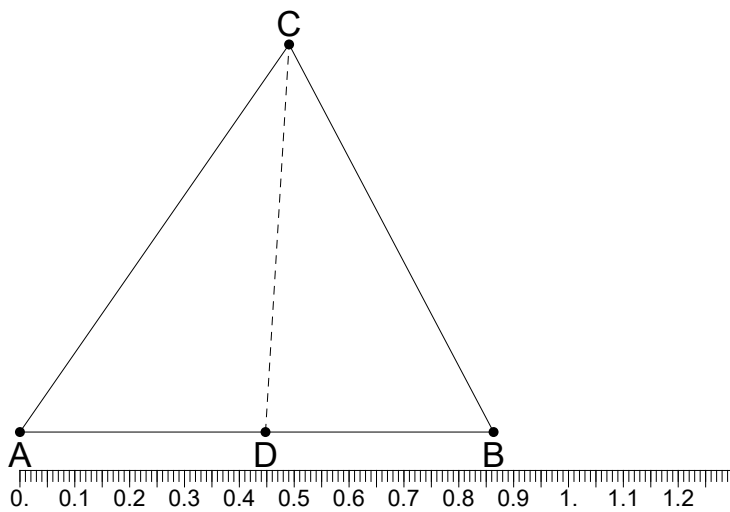


16.



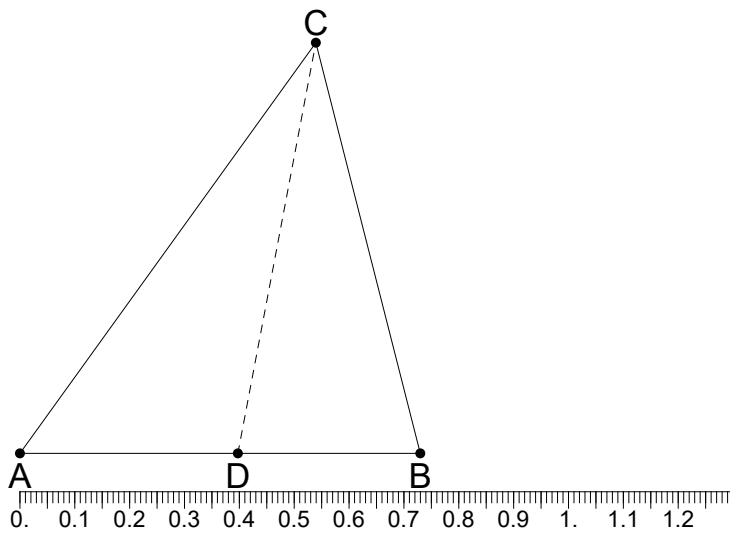
$ BD $	$ AD $	$ BC $	$ CA $	$\angle DCA$	$\angle BCD$	$ BC / AC $	$ BD / AD $
0.28	0.23	0.87	0.74	$18^\circ$	$18^\circ$	1.18	1.18

17.



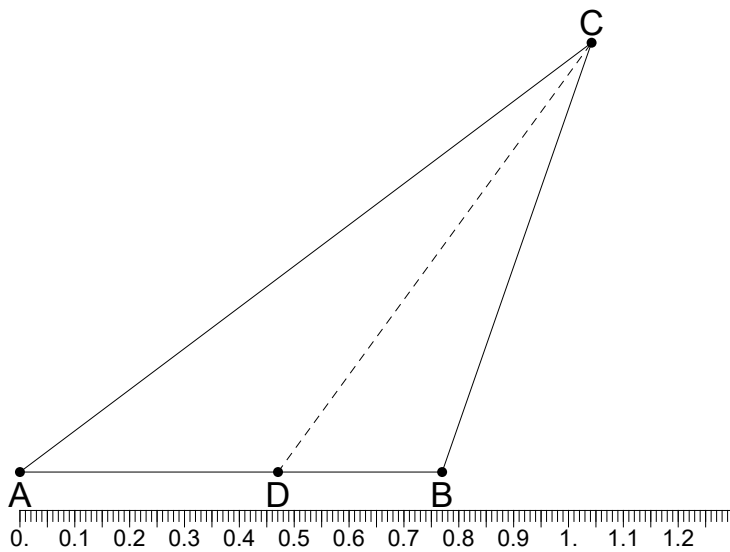
$ BD $	$ AD $	$ BC $	$ CA $	$\angle DCA$	$\angle BCD$	$ BC / AC $	$ BD / AD $
0.42	0.45	0.8	0.86	$31^\circ$	$31^\circ$	0.93	0.93

18.



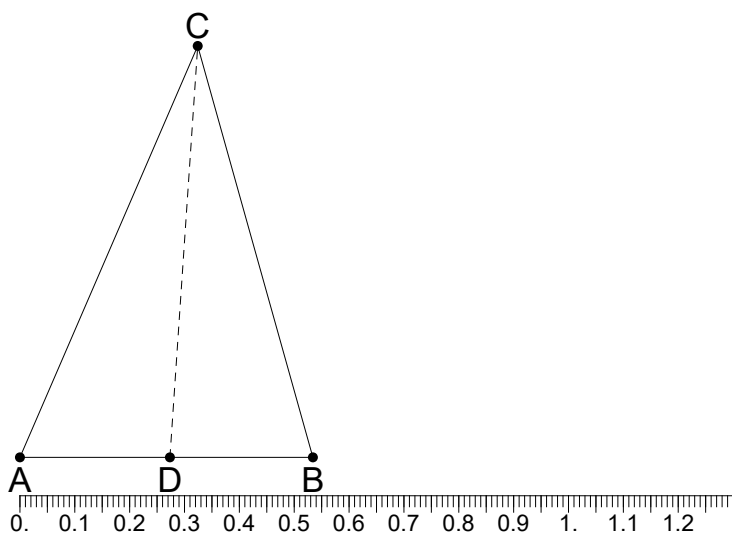
$ BD $	$ AD $	$ BC $	$ CA $	$\angle DCA$	$\angle BCD$	$ BC / AC $	$ BD / AD $
0.33	0.4	0.77	0.92	$25^\circ$	$25^\circ$	0.84	0.84

19.



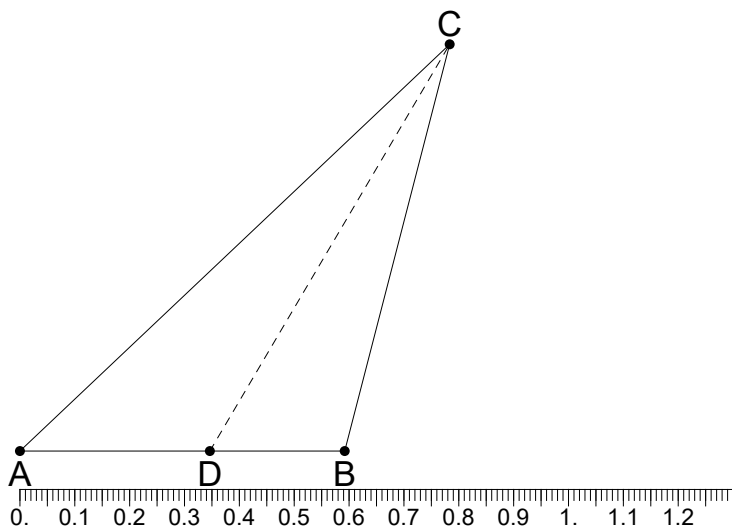
$ BD $	$ AD $	$ BC $	$ CA $	$\angle DCA$	$\angle BCD$	$ BC / AC $	$ BD / AD $
0.3	0.47	0.83	1.3	$17^\circ$	$17^\circ$	0.64	0.64

20.



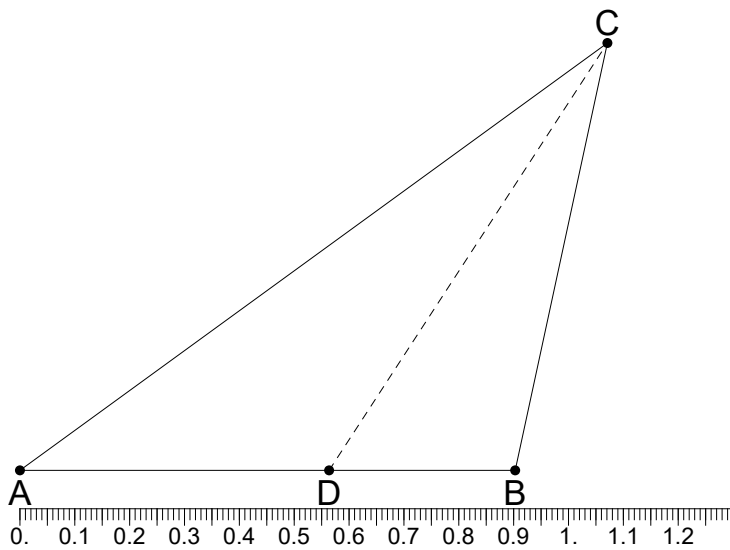
$ BD $	$ AD $	$ BC $	$ CA $	$\angle DCA$	$\angle BCD$	$ BC / AC $	$ BD / AD $
0.26	0.27	0.78	0.82	$20^\circ$	$20^\circ$	0.95	0.95

21.



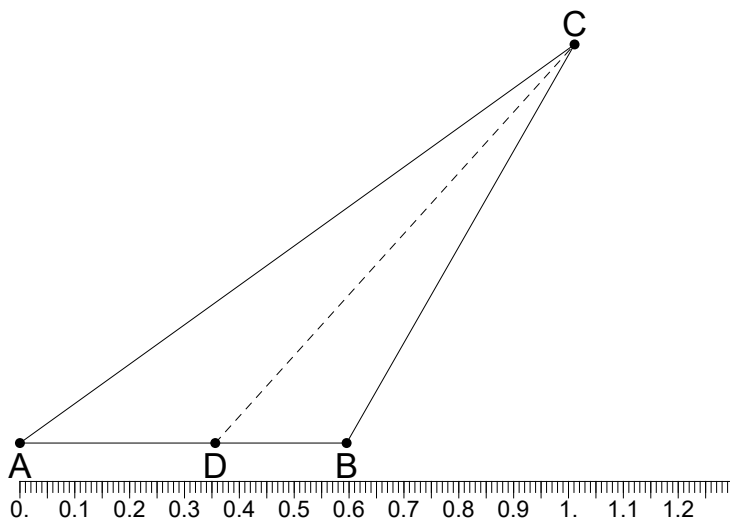
$ BD $	$ AD $	$ BC $	$ CA $	$\angle DCA$	$\angle BCD$	$ BC / AC $	$ BD / AD $
0.25	0.35	0.77	1.08	$16^\circ$	$16^\circ$	0.71	0.71

22.



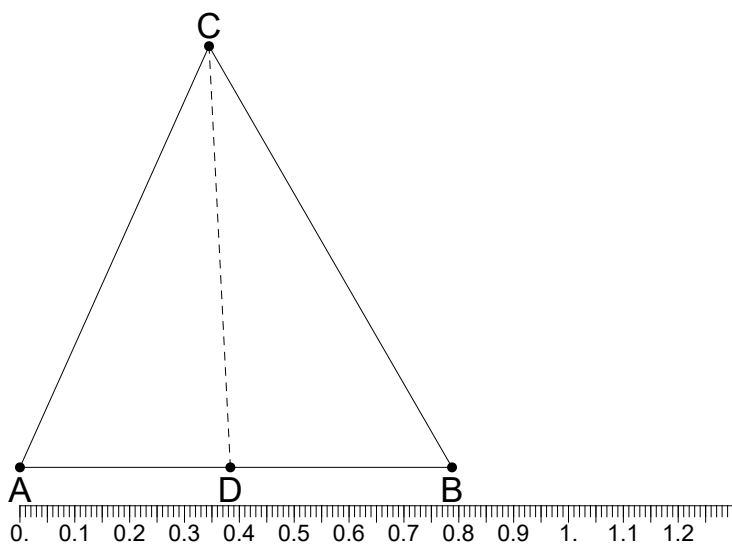
$ BD $	$ AD $	$ BC $	$ CA $	$\angle DCA$	$\angle BCD$	$ BC / AC $	$ BD / AD $
0.34	0.56	0.8	1.32	$21^\circ$	$21^\circ$	0.6	0.6

23.



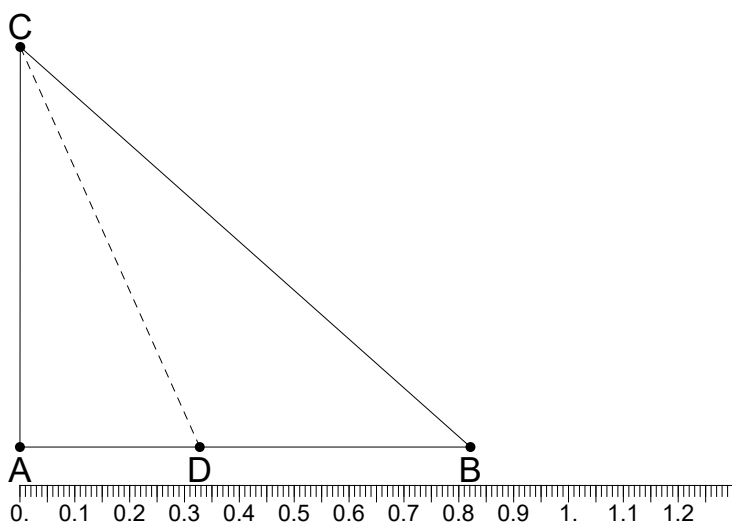
$ BD $	$ AD $	$ BC $	$ CA $	$\angle DCA$	$\angle BCD$	$ BC / AC $	$ BD / AD $
0.24	0.36	0.84	1.25	$12^\circ$	$12^\circ$	0.67	0.67

24.



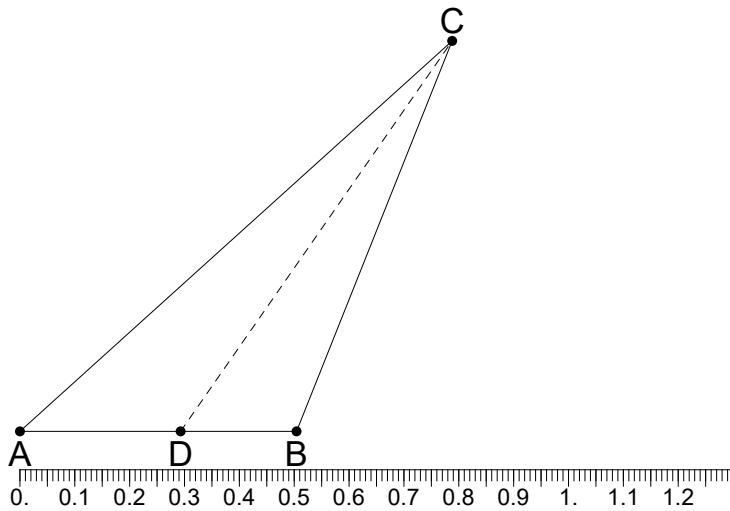
$ BD $	$ AD $	$ BC $	$ CA $	$\angle DCA$	$\angle BCD$	$ BC / AC $	$ BD / AD $
0.4	0.38	0.89	0.84	$27^\circ$	$27^\circ$	1.05	1.05

25.



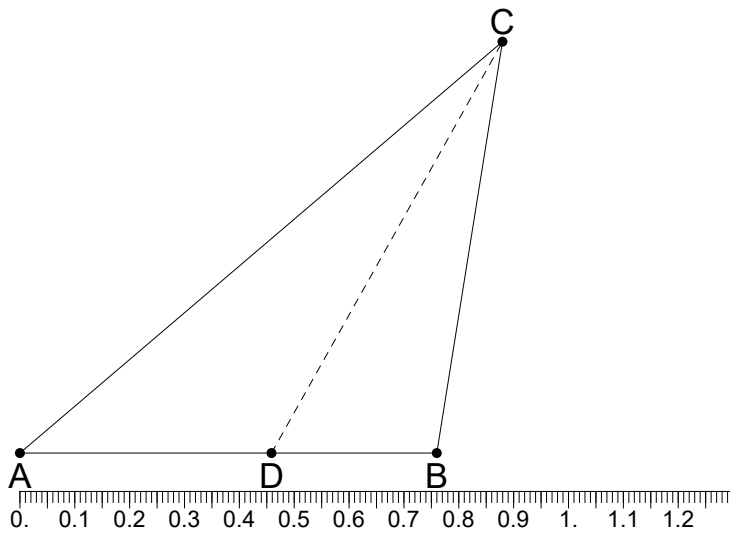
$ BD $	$ AD $	$ BC $	$ CA $	$\angle DCA$	$\angle BCD$	$ BC / AC $	$ BD / AD $
0.49	0.33	1.1	0.73	$24^\circ$	$24^\circ$	1.51	1.51

26.



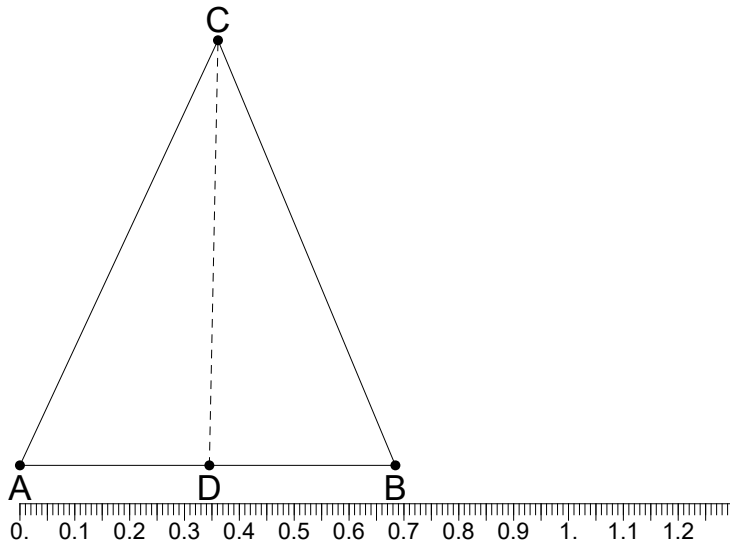
$ BD $	$ AD $	$ BC $	$ CA $	$\angle DCA$	$\angle BCD$	$ BC / AC $	$ BD / AD $
0.21	0.29	0.77	1.06	$13^\circ$	$13^\circ$	0.72	0.72

27.



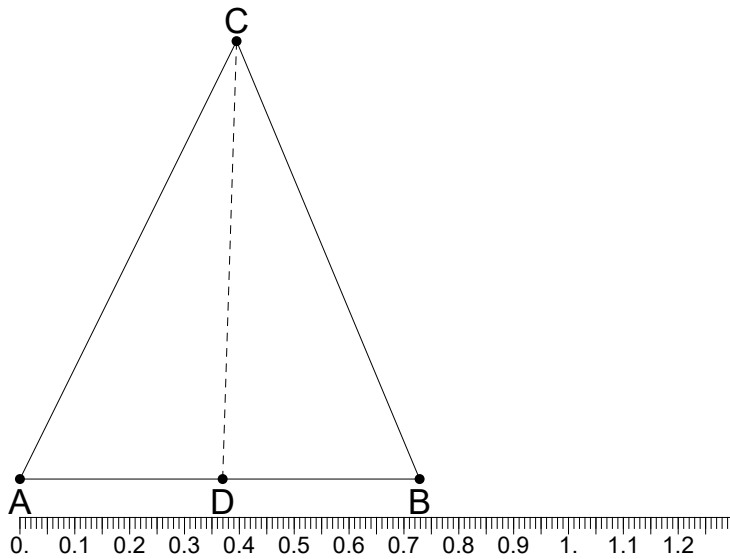
$ BD $	$ AD $	$ BC $	$ CA $	$\angle DCA$	$\angle BCD$	$ BC / AC $	$ BD / AD $
0.3	0.46	0.76	1.16	$20^\circ$	$20^\circ$	0.66	0.66

28.



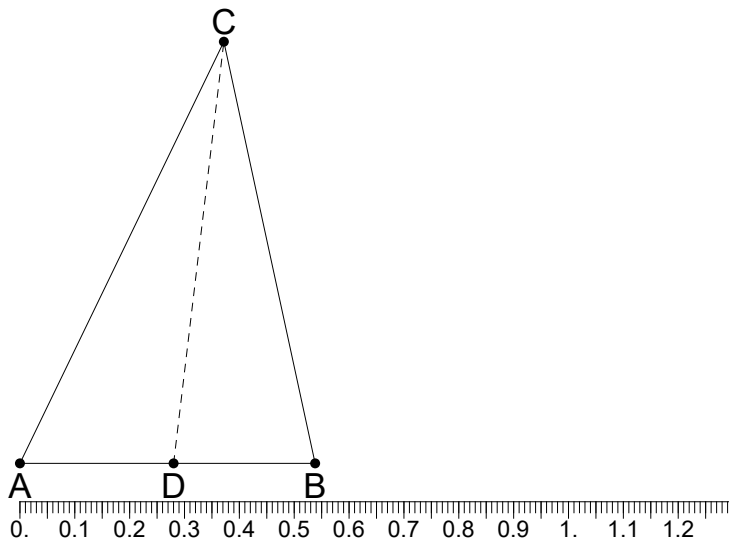
$ BD $	$ AD $	$ BC $	$ CA $	$\angle DCA$	$\angle BCD$	$ BC / AC $	$ BD / AD $
0.34	0.35	0.84	0.85	$24^\circ$	$24^\circ$	0.98	0.98

29.



$ BD $	$ AD $	$ BC $	$ CA $	$\angle DCA$	$\angle BCD$	$ BC / AC $	$ BD / AD $
0.36	0.37	0.87	0.89	$25^\circ$	$25^\circ$	0.97	0.97

30.



$ BD $	$ AD $	$ BC $	$ CA $	$\angle DCA$	$\angle BCD$	$ BC / AC $	$ BD / AD $
0.26	0.28	0.79	0.85	$19^\circ$	$19^\circ$	0.92	0.92