

Line	Time	Participant	Chat	GeoGebra Action
1	2/25/13 15:09	fruitloops		
2	2/25/13 15:10	cheerios	hey	
3	2/25/13 15:10	cornflakes		
4	2/25/13 15:11	cornflakes	hi	
5	2/25/13 15:11	fruitloops	hery	
6	2/25/13 15:12	fruitloops	someone do step 1	
7	2/25/13 15:12	cheerios		tool changed to Move
8	2/25/13 15:12	cheerios		tool changed to Move
9	2/25/13 15:12	cheerios		tool changed to Select Object
10	2/25/13 15:12	cheerios		tool changed to Move
				tool changed to Move Graphics View
11	2/25/13 15:12	cheerios		
			canu guys do it im not sure how to do it	
12	2/25/13 15:14	cheerios		
13	2/25/13 15:14	fruitloops	i dont know how to	
14	2/25/13 15:14	cornflakes		
15	2/25/13 15:14	cornflakes		
16	2/25/13 15:15	cornflakes	fruitloop udo it	
17	2/25/13 15:15	fruitloops	i dont know how	
18	2/25/13 15:16	cornflakes		tool changed to Move
				tool changed to Move Graphics View
19	2/25/13 15:16	cornflakes		
20	2/25/13 15:16	cheerios		tool changed to Move
21	2/25/13 15:16	cheerios		tool changed to Move
22	2/25/13 15:16	cheerios		tool changed to Select Object
23	2/25/13 15:16	cheerios		tool changed to Move
24	2/25/13 15:16	cheerios		tool changed to Move
25	2/25/13 15:16	cheerios		tool changed to Select Object
26	2/25/13 15:17	cheerios		tool changed to Move
27	2/25/13 15:17	cheerios		updated Text text1
28	2/25/13 15:17	cheerios		updated Text text1
				tool changed to Line through Two Points
29	2/25/13 15:17	cheerios		
30	2/25/13 15:17	cheerios		added point:Point E
31	2/25/13 15:17	cheerios		added point:Point F
32	2/25/13 15:17	cheerios		added line:Line e
				tool changed to Move Graphics View
33	2/25/13 15:17	cheerios		
34	2/25/13 15:17	cheerios	i did #1	
35	2/25/13 15:18	cheerios	i made a line and put F on it	
36	2/25/13 15:18	cornflakes		tool changed to Move
				tool changed to Move Graphics View
37	2/25/13 15:18	cornflakes		
38	2/25/13 15:18	cornflakes		tool changed to Move

39	2/25/13 15:18 fruitloops	why is there 2 points on the line?	
40	2/25/13 15:18 cornflakes		tool changed to Move Graphics View
41	2/25/13 15:18 cornflakes		tool changed to Move
42	2/25/13 15:18 cornflakes		updated Text text1
43	2/25/13 15:18 cornflakes		tool changed to Move Graphics View
44	2/25/13 15:18 cornflakes		tool changed to Move
45	2/25/13 15:18 cornflakes		updated Text text1
46	2/25/13 15:18 cornflakes		tool changed to Move Graphics View
47	2/25/13 15:19 cheerios		tool changed to Move
48	2/25/13 15:19 cheerios		updated Text text1
49	2/25/13 15:19 cheerios		tool changed to Move Graphics View
50	2/25/13 15:19 cheerios		tool changed to Move
51	2/25/13 15:19 cornflakes	delete e	
52	2/25/13 15:19 cheerios		tool changed to Line through Two Points
53	2/25/13 15:19 cheerios		added point:Point F
54	2/25/13 15:19 cheerios		added point:Point G
55	2/25/13 15:19 cheerios		added line:Line e
56	2/25/13 15:19 cheerios		tool changed to Move
57	2/25/13 15:19 cheerios		updated Point E
58	2/25/13 15:20 cheerios		updated Point E
59	2/25/13 15:20 cheerios		tool changed to Move Graphics View
60	2/25/13 15:20 cheerios	is that good	
61	2/25/13 15:20 fruitloops		tool changed to Move
62	2/25/13 15:21 fruitloops		tool changed to New Point
63	2/25/13 15:21 fruitloops		added point:Point E
64	2/25/13 15:21 fruitloops		tool changed to Line through Two Points
65	2/25/13 15:21 fruitloops		added point:Point F
66	2/25/13 15:21 fruitloops		added line:Line e
67	2/25/13 15:21 fruitloops		tool changed to Move Graphics View
68	2/25/13 15:21 cornflakes		tool changed to Move
69	2/25/13 15:22 cornflakes		tool changed to Perpendicular Line
70	2/25/13 15:22 fruitloops	so are you making the perpendicular line?	
71	2/25/13 15:22 cornflakes		added line:Line f

72	2/25/13 15:22	cornflakes		tool changed to Move Graphics View
73	2/25/13 15:22	cornflakes	okay i made a perpendicular line	
74	2/25/13 15:22	fruitloops	oh nevermind i see it	
75	2/25/13 15:22	fruitloops		tool changed to Move
76	2/25/13 15:22	fruitloops		tool changed to New Point
77	2/25/13 15:23	fruitloops		added point:Point G
78	2/25/13 15:23	fruitloops		tool changed to Move Graphics View
79	2/25/13 15:23	cheerios		tool changed to Move
80	2/25/13 15:23	fruitloops	i created point g on the perpendicular	
81	2/25/13 15:23	cheerios		tool changed to Polygon
82	2/25/13 15:23	cheerios		tool changed to Polygon
83	2/25/13 15:23	cheerios		added polygon poly2
84	2/25/13 15:23	cheerios	i made a right triangle	
85	2/25/13 15:23	cheerios		tool changed to Move Graphics View
86	2/25/13 15:24	fruitloops	cornflakes you should try the drag test	
87	2/25/13 15:27	cheerios		tool changed to Move
88	2/25/13 15:27	cheerios		updated group of objects E,F
89	2/25/13 15:27	cheerios		tool changed to Move Graphics View
90	2/25/13 15:28	fruitloops		tool changed to Move
91	2/25/13 15:28	fruitloops		tool changed to Move
92	2/25/13 15:28	fruitloops		tool changed to Select Object
93	2/25/13 15:28	fruitloops		tool changed to Move
94	2/25/13 15:28	fruitloops		tool changed to Move
95	2/25/13 15:28	fruitloops		tool changed to Select Object
96	2/25/13 15:29	fruitloops		added macro FruitloopsTool
97	2/25/13 15:29	fruitloops		tool changed to Move
98	2/25/13 15:29	fruitloops		tool changed to Fruitloops Tool
99	2/25/13 15:29	fruitloops		tool changed to Move
100	2/25/13 15:30	fruitloops	new tool successfully created!	
101	2/25/13 15:30	fruitloops		tool changed to Move Graphics View
102	2/25/13 15:30	fruitloops		
103	2/25/13 15:30	cheerios		tool changed to Move
104	2/25/13 15:30	cheerios		tool changed to
105	2/25/13 15:30	cheerios		added point:Point H
106	2/25/13 15:30	cheerios		added polygon poly3
107	2/25/13 15:30	cheerios		added point:Point I
108	2/25/13 15:30	cornflakes	yay	

		i went to tools and the output was polygon G,E,F and i dont think i selected an input and then i just named it fruitloops tool	
109	2/25/13 15:31	fruitloops	
110	2/25/13 15:30	cheerios	added polygon poly4
111	2/25/13 15:30	cheerios	added point:Point I
112	2/25/13 15:30	cheerios	tool changed to Move
113	2/25/13 15:30	cheerios	updated Point H
114	2/25/13 15:30	cheerios	tool changed to
115	2/25/13 15:31	cheerios	updated Point E
116	2/25/13 15:31	cheerios	updated Point H
117	2/25/13 15:31	cheerios	tool changed to Move
118	2/25/13 15:31	cheerios	tool changed to
119	2/25/13 15:31	cheerios	added point:Point H
120	2/25/13 15:31	cheerios	added polygon poly3
121	2/25/13 15:31	cheerios	added point:Point I
122	2/25/13 15:31	cheerios	added point:Point J
123	2/25/13 15:31	cheerios	added polygon poly4
			tool changed to Move Graphics View
124	2/25/13 15:31	cheerios	
125	2/25/13 15:31	fruitloops	someone try the drag test
126	2/25/13 15:32	cornflakes	tool changed to Move
127	2/25/13 15:32	cornflakes	updated group of objects E,F
		i used the tool and created a new triangle	
128	2/25/13 15:32	cheerios	
129	2/25/13 15:32	cornflakes	tool changed to
130	2/25/13 15:32	cornflakes	added point:Point I
131	2/25/13 15:32	cornflakes	added point:Point J
132	2/25/13 15:32	cornflakes	added polygon poly4
133	2/25/13 15:32	cornflakes	added point:Point K
134	2/25/13 15:32	cornflakes	added point:Point L
135	2/25/13 15:32	cornflakes	added polygon poly5
136	2/25/13 15:32	cornflakes	added polygon poly6
137	2/25/13 15:32	cornflakes	added polygon poly7
138	2/25/13 15:33	cornflakes	added point:Point M
139	2/25/13 15:33	cornflakes	added point:Point M
140	2/25/13 15:33	cornflakes	tool changed to Move
141	2/25/13 15:33	cornflakes	updated Point I
142	2/25/13 15:33	cornflakes	updated Point K
			tool changed to Move Graphics View
143	2/25/13 15:33	cornflakes	
144	2/25/13 15:33	cheerios	cornflakes do the drag test
145	2/25/13 15:34	cornflakes	
146	2/25/13 15:34	fruitloops	can i try dragging it?
			tool changed to Move

147	2/25/13 15:34 cornflakes		updated Point B
148	2/25/13 15:34 cornflakes		tool changed to Move Graphics View
149	2/25/13 15:34 fruitloops		tool changed to Move
150	2/25/13 15:34 cornflakes	sure	
151	2/25/13 15:34 fruitloops		updated Point G
152	2/25/13 15:34 fruitloops		updated Point E
153	2/25/13 15:34 fruitloops		updated Point E
154	2/25/13 15:34 fruitloops		updated Point H
155	2/25/13 15:34 fruitloops		updated Point C
156	2/25/13 15:34 fruitloops		updated Point B
157	2/25/13 15:35 cheerios	can i try	
158	2/25/13 15:35 fruitloops		updated Point H
159	2/25/13 15:35 fruitloops		updated Point E
			tool changed to Move Graphics View
160	2/25/13 15:35 fruitloops		tool changed to Move
161	2/25/13 15:35 fruitloops		updated Point C
162	2/25/13 15:35 fruitloops		updated Point H
163	2/25/13 15:35 fruitloops		updated Point G
164	2/25/13 15:35 fruitloops		tool changed to Move Graphics View
165	2/25/13 15:35 fruitloops		
166	2/25/13 15:35 fruitloops	sure	
		the lighter colored points are	
167	2/25/13 15:36 fruitloops	restricted i think?	
168	2/25/13 15:36 cheerios		tool changed to Move
169	2/25/13 15:36 cheerios		updated Point B
		yes because they are already on	
170	2/25/13 15:36 cornflakes	the line	
171	2/25/13 15:36 cheerios		updated Point E
			tool changed to Move Graphics View
172	2/25/13 15:36 cheerios		
		are there any other ways to	
173	2/25/13 15:38 cheerios	create this tool?	
		i dont think so but i dont know	
174	2/25/13 15:39 fruitloops	for sure	
175	2/25/13 15:39 cornflakes	no i dont think so	
176	2/25/13 15:39 cornflakes	are we ready to move on?	
177	2/25/13 15:40 fruitloops	yess	
178	2/25/13 15:40 cheerios	yes	
179	2/25/13 15:40 cornflakes		
180	2/25/13 15:40 cheerios		
181	2/25/13 15:40 fruitloops		
182	2/25/13 15:40 fruitloops	someone try step 1	
183	2/25/13 15:43 cornflakes	why dont you try?	

184	2/25/13 15:44	fruitloops	how do you construct them
185	2/25/13 15:44	cornflakes	
186	2/25/13 15:44	cornflakes	
187	2/25/13 15:44	cornflakes	
188	2/25/13 15:44	cornflakes	
189	2/25/13 15:45	cornflakes	
190	2/25/13 15:45	cornflakes	
191	2/25/13 15:45	cornflakes	
192	2/25/13 15:45	cornflakes	
193	2/25/13 15:45	cornflakes	
194	2/25/13 15:45	cheerios	
195	2/25/13 15:45	cheerios	
196	2/25/13 15:45	cheerios	
197	2/25/13 15:45	cheerios	
198	2/25/13 15:45	cheerios	
199	2/25/13 15:45	cheerios	
200	2/25/13 15:45	cheerios	
201	2/25/13 15:45	cheerios	
202	2/25/13 15:45	cheerios	
203	2/25/13 15:45	cheerios	
204	2/25/13 15:45	cheerios	
205	2/25/13 15:45	cheerios	
206	2/25/13 15:45	cheerios	
207	2/25/13 15:46	cheerios	
208	2/25/13 15:46	cheerios	
209	2/25/13 15:46	cheerios	
210	2/25/13 15:46	cheerios	
211	2/25/13 15:46	cheerios	
212	2/25/13 15:46	cheerios	
213	2/25/13 15:46	cheerios	
214	2/25/13 15:46	cheerios	
215	2/25/13 15:46	cheerios	
216	2/25/13 15:46	fruitloops	can i try
217	2/25/13 15:46	fruitloops	
218	2/25/13 15:46	fruitloops	
219	2/25/13 15:46	fruitloops	
220	2/25/13 15:46	fruitloops	
221	2/25/13 15:47	fruitloops	
222	2/25/13 15:47	fruitloops	
223	2/25/13 15:47	fruitloops	
224	2/25/13 15:47	fruitloops	
225	2/25/13 15:47	fruitloops	
226	2/25/13 15:47	fruitloops	
227	2/25/13 15:47	fruitloops	
228	2/25/13 15:47	fruitloops	

229	2/25/13 15:47	cornflakes	so triangle absc is an equilateral triangle
230	2/25/13 15:48	cheerios	def is scalene
			but how do you know that all
231	2/25/13 15:48	fruitloops	the sides are equal
232	2/25/13 15:48	cornflakes	it looks equilateral
233	2/25/13 15:49	fruitloops	but how can you prove it?
234	2/25/13 15:49	fruitloops	
235	2/25/13 15:49	cheerios	with a ruler
236	2/25/13 15:49	cornflakes	
237	2/25/13 15:49	cornflakes	
238	2/25/13 15:49	cornflakes	
239	2/25/13 15:49	fruitloops	did you measure it with a ruler?
240	2/25/13 15:49	cheerios	yes i did
241	2/25/13 15:49	fruitloops	i dont believe you
242	2/25/13 15:49	cornflakes	sure
243	2/25/13 15:49	cheerios	my finger is the ruler
244	2/25/13 15:49	cornflakes	
245	2/25/13 15:50	fruitloops	
			but you finger isnt a proper measuring tool
246	2/25/13 15:50	fruitloops	
247	2/25/13 15:50	cornflakes	
248	2/25/13 15:50	fruitloops	NOT ACCURATE!
249	2/25/13 15:50	cornflakes	actually let me double check it
250	2/25/13 15:50	cornflakes	
251	2/25/13 15:50	cornflakes	
252	2/25/13 15:50	cornflakes	
253	2/25/13 15:50	cornflakes	
254	2/25/13 15:50	cornflakes	
255	2/25/13 15:50	fruitloops	how do you double check?
256	2/25/13 15:50	cornflakes	they look pretty equal
257	2/25/13 15:51	fruitloops	
258	2/25/13 15:51	fruitloops	
			but like when we did it with the circles and their radius we could prove it becuase of the equal radii but now i dont know how we can prove that its
259	2/25/13 15:52	fruitloops	equilateral....
			yea they do the only way is to
260	2/25/13 15:51	cheerios	measure it i guess
261	2/25/13 15:51	cornflakes	how do you tell?
262	2/25/13 15:52	cheerios	i think we need a line
263	2/25/13 15:52	cheerios	or a grid
264	2/25/13 15:52	cornflakes	

265	2/25/13 15:53	fruitloops	how would a crid really help?
266	2/25/13 15:53	cornflakes	
267	2/25/13 15:53	cornflakes	
			I am not sure how make sure
			mathematically that triangle abc
268	2/25/13 15:53	cornflakes	is equilateral
269	2/25/13 15:53	fruitloops	grid*
270	2/25/13 15:53	fruitloops	
			each box is equal length and
271	2/25/13 15:54	cheerios	width
272	2/25/13 15:54	cornflakes	right so a grid would help
			you can try it but i dont know
273	2/25/13 15:55	fruitloops	for sure
274	2/25/13 15:55	cheerios	
275	2/25/13 15:55	cheerios	i think it would
276	2/25/13 15:55	cheerios	
277	2/25/13 15:55	cheerios	
278	2/25/13 15:55	fruitloops	try it then
279	2/25/13 15:55	cornflakes	
280	2/25/13 15:55	cornflakes	
281	2/25/13 15:55	fruitloops	
282	2/25/13 15:55	fruitloops	
283	2/25/13 15:56	cheerios	does everyone have a grid
			i think we all have a grid now
284	2/25/13 15:56	fruitloops	right?
285	2/25/13 15:56	cornflakes	
286	2/25/13 15:56	cornflakes	
287	2/25/13 15:56	cornflakes	
288	2/25/13 15:56	cornflakes	
289	2/25/13 15:56	cornflakes	
290	2/25/13 15:56	cornflakes	
291	2/25/13 15:56	cornflakes	correct6]
292	2/25/13 15:58	fruitloops	what do we do now?
293	2/25/13 15:58	cornflakes	im not sure
294	2/25/13 15:58	fruitloops	
295	2/25/13 15:58	fruitloops	
296	2/25/13 15:58	fruitloops	
297	2/25/13 15:58	fruitloops	
298	2/25/13 15:58	fruitloops	
299	2/25/13 15:58	fruitloops	
			you have to line it up so point a
			on an intersection and then see
			how far away point b and c are
300	2/25/13 16:00	cheerios	from the line a is on

		i dont know wwhat tio do i just
301	2/25/13 15:59 fruitloops	moved it around
302	2/25/13 16:00 cheerios	
303	2/25/13 16:00 fruitloops	yeah try to show it
304	2/25/13 16:00 cheerios	
305	2/25/13 16:00 cheerios	
306	2/25/13 16:00 cornflakes	can you show it?
307	2/25/13 16:00 cheerios	i just did
308	2/25/13 16:00 fruitloops	where?
309	2/25/13 16:00 cheerios	
		a is on the intersection and pint
310	2/25/13 16:01 cheerios	b and c is one box away
311	2/25/13 16:01 cornflakes	are we ready to move on?
312	2/25/13 16:01 fruitloops	
313	2/25/13 16:01 fruitloops	
314	2/25/13 16:01 fruitloops	
315	2/25/13 16:01 fruitloops	
316	2/25/13 16:01 fruitloops	i kind of understand
317	2/25/13 16:01 fruitloops	we can try hierarchy if you want
318	2/25/13 16:01 cornflakes	ok i get it
319	2/25/13 16:01 fruitloops	
320	2/25/13 16:01 cheerios	okay
321	2/25/13 16:01 cornflakes	
322	2/25/13 16:01 cheerios	
323	2/25/13 16:03 cheerios	
324	2/25/13 16:03 cheerios	
325	2/25/13 16:03 cheerios	
326	2/25/13 16:03 cheerios	
327	2/25/13 16:03 cheerios	
328	2/25/13 16:03 cheerios	
329	2/25/13 16:03 cheerios	
330	2/25/13 16:03 cheerios	
331	2/25/13 16:03 cheerios	
332	2/25/13 16:07 cheerios	
333	2/25/13 16:07 cheerios	
334	2/25/13 16:07 cheerios	
335	2/25/13 16:07 cheerios	
336	2/25/13 16:07 cheerios	
337	2/25/13 16:07 cheerios	
338	2/25/13 16:07 cheerios	
339	2/25/13 16:08 cheerios	
		okay so lets only look at the
340	2/25/13 16:09 fruitloops	lager chart
341	2/25/13 16:08 cornflakes	

342 2/25/13 16:08 cornflakes
343 2/25/13 16:09 cornflakes
344 2/25/13 16:09 cornflakes
345 2/25/13 16:09 cornflakes
346 2/25/13 16:09 cornflakes
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349 2/25/13 16:09 cornflakes
350 2/25/13 16:09 cornflakes
351 2/25/13 16:10 cornflakes
352 2/25/13 16:10 cheerios
353 2/25/13 16:11 cornflakes
354 2/25/13 16:11 cornflakes
355 2/25/13 16:11 fruitloops