

Poway Lake Compass Course

(Worksheet)

1st Class #2 Using a compass, complete an orienteering course that covers at least 1 mile and requires measuring the height and/or width of designated items (tree, ditch, etc). p196-197, 203-205

Measure 100 How many of your paces = 100 Average two times... Ans: _____

	BEARING	PACES*	TARGET
0.	BEGIN POINT	Telephone in front of bait / snack shop at Poway Lake.	
	Begin at telephone at bait / snack shop. (*Check your size paces against mine!) All "targets" are man-made objects, such as: signs, tables, poles, etc... All bearings are taken from the center of the last "target". Watch out for metal objects (including rebar, nails and bolts) which cause the compass needle to deviate...		
1.	270° Degrees,	35 Paces	_____
2.	62° Degrees,	23 Paces	_____
3.	145° Degrees,	55 Paces	_____
4.	124° Degrees,	90 Paces	_____
5.	185° Degrees,	52 Paces	_____
6.	252° Degrees,	31 Paces	_____
7.	___° Degrees,	75 Paces	Large Cement Fire Ring
8.	186° Degrees,	40 Paces	_____
9.	244° Degrees,	56 Paces	_____
10.	160° Degrees,	75 Paces	_____
11.	Without pacing on the road (pretend it's a raging river), use another method to measure its width. Answer: _____ Paces. Now pace the road: _____		
12.	230° Degrees,	100 Paces	_____
13.	315° Degrees,	90 Paces	_____
14.	35° Degrees,	50 Paces	_____
15.	108° Degrees,	126 Paces	_____
16.	68° Degrees,	50 Paces	_____
17.	Measure how tall this item is, using the pencil method and a buddy: _____		
18.	___° Degrees,	25 Paces	tan "Lake Poway Rec. Area" sign
19.	14° Degrees,	48 Paces	_____
20.	36° Degrees,	100 Paces	_____
21.	318° Degrees,	104 Paces	_____
22.	60° Degrees,	80 Paces	_____
23.	240° Degrees,	80 Paces	_____
24.	302° Degrees,	50 Paces	_____
25.	280° Degrees,	50 Paces	_____
26.	312° Degrees,	65 Paces	_____
27.	292° Degrees,	35 Paces	_____
28.	32° Degrees,	105 Paces	_____
29.	334° Degrees,	77 Paces	_____
30.	44° Degrees,	34 Paces	_____ final ans.

END

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	Begin at telephone at bait / snack shop. (*Check your size paces against mine!) All "targets" are man-made objects, such as; signs, tables, poles, etc... All bearings are taken from the center of the last "target". <u>Watch out</u> for metal objects (including rebar, nails and bolts) which cause the compass needle to deviate...		
1.	270° Degrees,	35 Paces	yellow fire hydrant
2.	62° Degrees,	23 Paces	brown "Lake Poway Trail" sign
3.	145° Degrees,	55 Paces	green "World Trail" sign
4.	124° Degrees,	90 Paces	corner edge of pavilion
5.	185° Degrees,	52 Paces	rock drinking fountain
6.	252° Degrees,	31 Paces	green power box
7.	120° Degrees,	75 Paces	large cement fire ring
8.	186° Degrees,	40 Paces	rock drinking fountain
9.	244° Degrees,	56 Paces	3 recycle containers
10.	160° Degrees,	75 Paces	yellow fire hydrant
11.	Without pacing on the road (pretend it <input type="checkbox"/> a raging river), use another method to measure its width. Answer: _____ Paces. Now pace the road: _____		
12.	230° Degrees,	100 Paces	stage coach stopover porch
13.	315° Degrees,	90 Paces	10 MPH speed limit sign
14.	35° Degrees,	50 Paces	large cement fire ring
15.	108° Degrees,	126 Paces	edge of wood fence
16.	68° Degrees,	50 Paces	light pole
17.	Measure how tall this item is, using the pencil method and a buddy: _____		
18.	90° Degrees,	25 Paces	tan "Lake Poway Rec. Area" sign
19.	14° Degrees,	48 Paces	rock drinking fountain
20.	36° Degrees,	100 Paces	"No Boats Allowed" wood sign
21.	318° Degrees,	104 Paces	brown power box
22.	60° Degrees,	80 Paces	end of pier -- don't fall in!
23.	240° Degrees,	80 Paces	brown power box
24.	302° Degrees,	50 Paces	park bench
25.	280° Degrees,	50 Paces	green "World Tail Warmup" sign
26.	312° Degrees,	65 Paces	"Permit Holders Only..." sign
27.	292° Degrees,	35 Paces	large covered bulletin-board
28.	32° Degrees,	105 Paces	"Caution Uneven Steps" sign
29.	334° Degrees,	77 Paces	small "Lake Poway Trail" sign
END 30.	44° Degrees,	34 Paces	"Harry W. Frame Dam" memorial