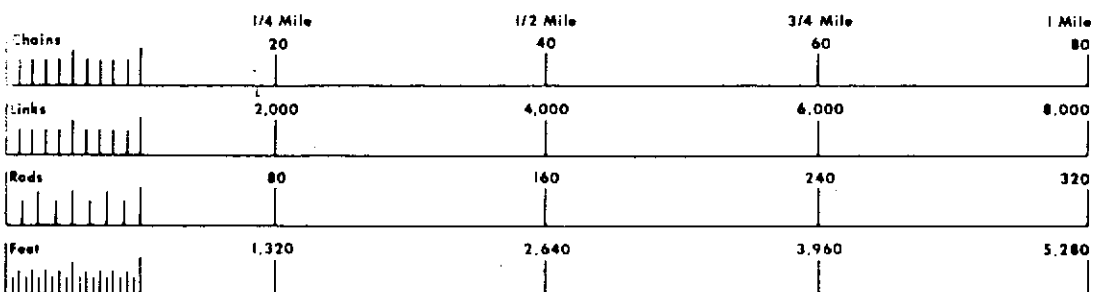
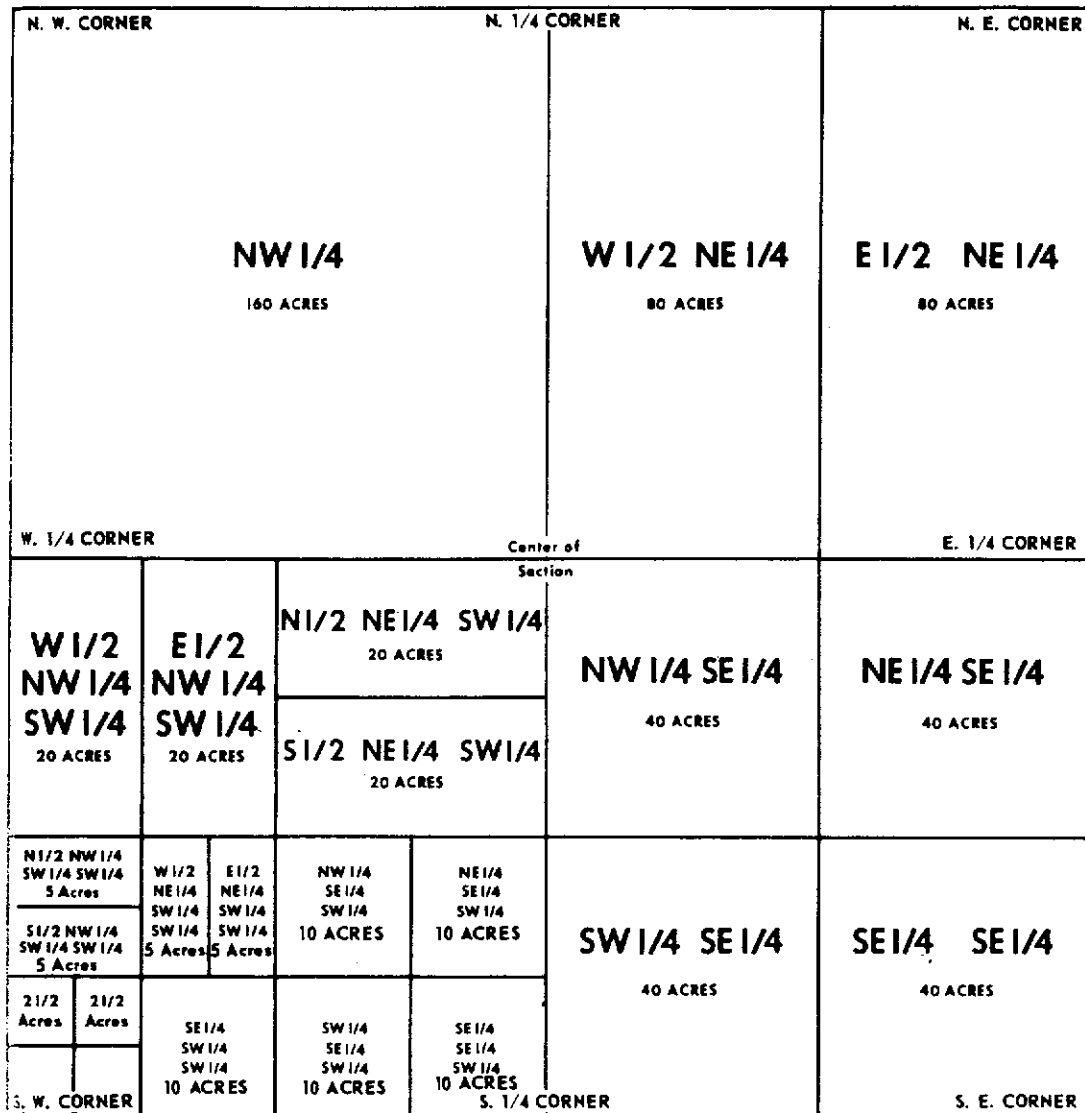


A SECTION OF LAND — 640 ACRES

Chains Rods Feet  
Quarter Sections and Subdivisions Thereof



Always on rectangular survey descriptions, work from end of description back to the beginning. Example:

1 Town and Range 2 Sec. Number 3 1/4 section 4 1/4 sec. of 1/4 sec. thence into halves or quarters to beginning  
7 South 165 feet of 8 Acres 8 S 1/4 10 Acres 9 S 1/4 20 Acres 4 SE 1/4 40 Acres 3 NE 1/4 160 Acres 2 Section 8 640 Acres Town 7 North, Range 7 East

The preferred order in locating quarter sections is counter-clockwise, North East quarter, North West quarter, South West quarter, and South East quarter. If parts of the quarter sections are to be described, the same order should be observed.

UNITS OF LENGTH							
Units	Inches	Links	Feet	Yards	Rods	Chains	Miles
1 inch	= 1	0.126263	0.083333*	0.0277778	0.00506051	0.00126263	0.0000157828
1 link	= 7.92	1	0.66	0.22	0.04	0.01	0.000125
1 foot	= 12	1.515152	1	0.333333	0.0606061	0.0151515	0.001893939
1 yard	= 36	4.54545	3	1	0.181818	0.0454545	0.00568182
1 rod	= 198	25	16.5	5.5	1	0.25	0.003125
1 chain	= 792	100	66	22	4	1	0.0125
1 mile	= 63,360	8,000	5,280	1,760	320	80	1

AREA MEASURE				GUNTER'S OR SURVEYOR'S CHAIN MEASURE	
144 square inches	= 1 square foot	1 acre	= 43,560 square feet	7.92 inches	= 1 link
9 square feet	= 1 square yard	640 acres	= 1 square mile	100 links	= 1 chain
30 1/4 square yards	= 1 square rod	1 mile square	= 1 section	4 rods	= 66 feet or 1 chain
1 square rod	= 272.25 square feet	36 miles square	= 1 township	80 chains	= 1 statute mile
160 square rods	= 1 acre	36 sections	= 36 square miles		
1 acre	= 4,840 square yards				

(Courtesy National Bureau of Standards)

Conversion of Chains to Rods and Feet

Chains	Rods			Feet				
	Links	Feet	Inches	Links	Feet	Inches		
1	0	7.92	34	22	5.28	67	44	2.6
2	1	15.84	68	44	10.56	134	88	5.2
3	2	23.76	102	66	15.84	201	132	7.8
4	3	31.68	136	88	21.12	268	176	10.4
5	4	39.60	170	110	26.40	335	220	13.0
6	5	47.52	204	132	31.68	402	264	15.6
7	6	55.44	238	154	36.96	469	308	18.2
8	7	63.36	272	176	42.24	536	352	20.8
9	8	71.28	306	198	47.52	603	396	23.4
10	9	79.20	340	220	52.80	670	440	26.0
11	10	87.12	374	242	58.08	737	484	28.6
12	11	95.04	408	264	63.36	804	528	31.2
13	12	102.96	442	286	68.64	871	572	33.8
14	13	110.88	476	308	73.92	938	616	36.4
15	14	118.80	510	330	79.20	1,005	660	39.0
16	15	126.72	544	352	84.48	1,072	704	41.6
17	16	134.64	578	374	89.76	1,139	748	44.2
18	17	142.56	612	396	95.04	1,206	792	46.8
19	18	150.48	646	418	100.32	1,273	836	49.4
20	19	158.40	680	440	105.60	1,340	880	52.0
21	20	166.32	714	462	110.88	1,407	924	54.6
22	21	174.24	748	484	116.16	1,474	968	57.2
23	22	182.16	782	506	121.44	1,541	1,012	59.8
24	23	190.08	816	528	126.72	1,608	1,056	62.4
25	24	198.00	850	550	132.00	1,675	1,100	65.0
26	25	205.92	884	572	137.28	1,742	1,144	67.6
27	26	213.84	918	594	142.56	1,809	1,188	70.2
28	27	221.76	952	616	147.84	1,876	1,232	72.8
29	28	229.68	986	638	153.12	1,943	1,276	75.4
30	29	237.60	1,020	660	158.40	2,010	1,320	78.0
31	30	245.52	1,054	682	163.68	2,077	1,364	80.6
32	31	253.44	1,088	704	168.96	2,144	1,408	83.2
33	32	261.36	1,122	726	174.24	2,211	1,452	85.8
34	33	269.28	1,156	748	179.52	2,278	1,496	88.4
35	34	277.20	1,190	770	184.80	2,345	1,540	91.0
36	35	285.12	1,224	792	190.08	2,412	1,584	93.6
37	36	293.04	1,258	814	195.36	2,479	1,628	96.2
38	37	300.96	1,292	836	200.64	2,546	1,672	98.8
39	38	308.88	1,326	858	205.92	2,613	1,716	101.4
40	39	316.80	1,360	880	211.20	2,680	1,760	104.0

Decimal Equivalent in Chains to Feet

Chains	Feet	Chains	Feet	Chains	Feet	Chains	Feet
.01	0.66	.26	17.16	.51	33.66	.76	50.16
.02	1.32	.27	17.82	.52	34.32	.77	50.82
.03	1.98	.28	18.48	.53	34.98	.78	51.48
.04	2.64	.29	19.14	.54	35.64	.79	52.14
.05	3.30	.30	19.80	.55	36.30	.80	52.80
.06	3.96	.31	20.46	.56	36.96	.81	53.46
.07	4.62	.32	21.12	.57	37.62	.82	54.12
.08	5.28	.33	21.78	.58	38.28	.83	54.78
.09	5.94	.34	22.44	.59	38.94	.84	55.44
.10	6.60	.35	23.10	.60	39.60	.85	56.10
.11	7.26	.36	23.76	.61	40.26	.86	56.76
.12	7.92	.37	24.42	.62	40.92	.87	57.42
.13	8.58	.38	25.08	.63	41.58	.88	58.08
.14	9.24	.39	25.74	.64	42.24	.89	58.74
.15	9.90	.40	26.40	.65	42.90	.90	59.40
.16	10.56	.41	27.06	.66	43.56	.91	60.06
.17	11.22	.42	27.72	.67	44.22	.92	60.72
.18	11.88	.43	28.38	.68	44.88	.93	61.38
.19	12.54	.44	29.04	.69	45.54	.94	62.04
.20	13.20	.45	29.70	.70	46.20	.95	62.70
.21	13.86	.46	30.36	.71	46.86	.96	63.36
.22	14.52	.47	31.02	.72	47.52	.97	64.02
.23	15.18	.48	31.68	.73	48.18	.98	64.68
.24	15.84	.49	32.34	.74	48.84	.99	65.34
.25	16.50	.50	33.00	.75	49.50	1.00	66.00

