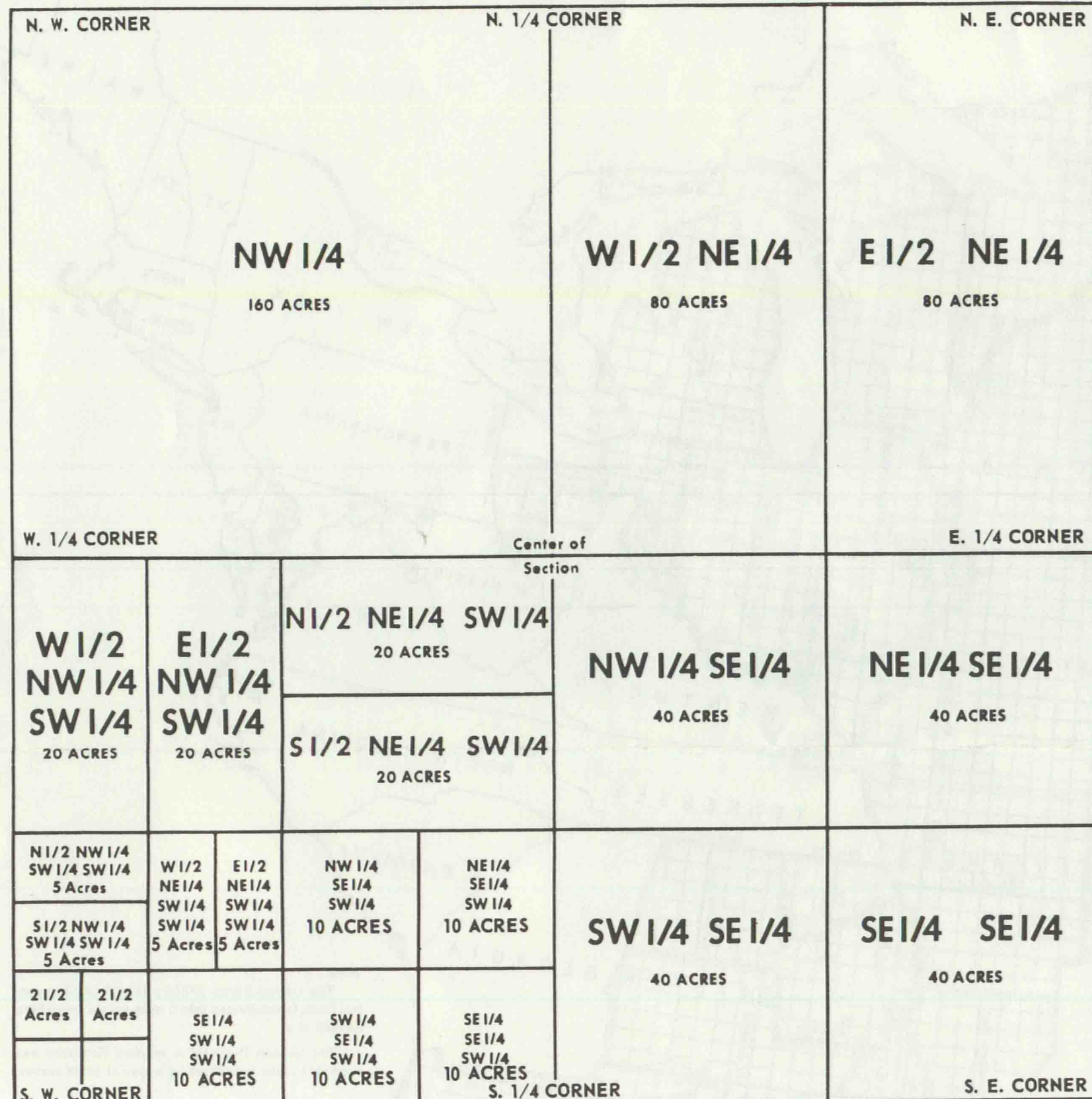
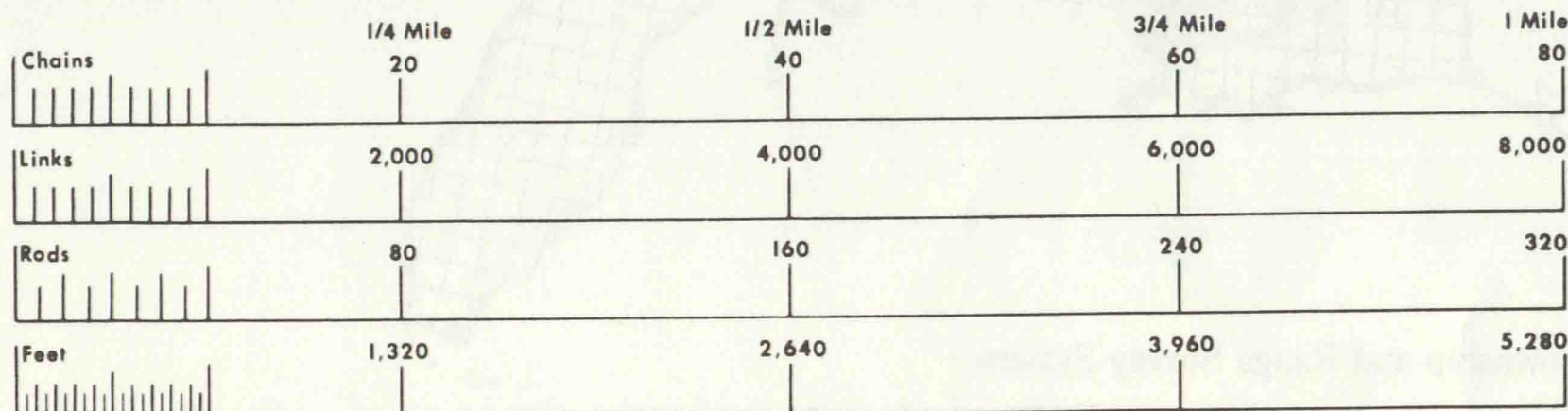


# A SECTION OF LAND — 640 ACRES

Chains Rods Feet  
Quarter Sections and Subdivisions Thereof



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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      5 & 6      7  
7 South 165 feet of      6 S 1/2      5 S 1/4      4 SE 1/4      3 NE 1/4      2 Section 8      1 Town 7 North, Range 7 East  
5 Acres      10 Acres      20 Acres      40 Acres      160 Acres      640 Acres

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	0.0833333	0.0277778	0.00505051	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	0.0001893939
1 yard	= 36	4.54545	3	1	0.181818	0.0454545	0.000568182
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

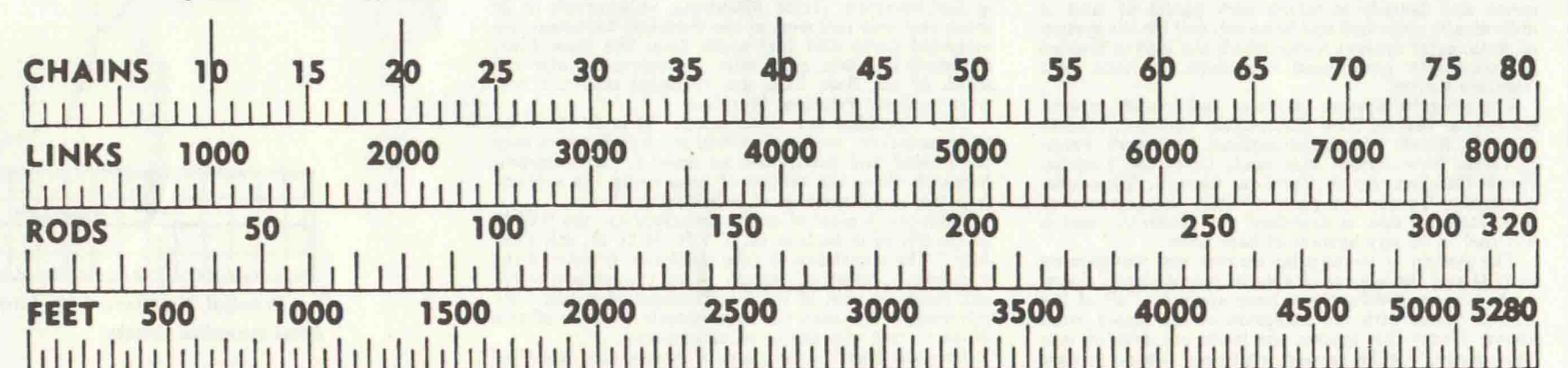
AREA MEASURE				GUNTER'S OR SURVEYOR'S CHAIN MEASURE			
144 square inches	= 1 square foot	1 acre	= 43,560 square feet	7.92 inches	= 1 link	100 links	= 1 chain
9 square feet	= 1 square yard	640 acres	= 1 section	4 rods	= 66 feet or 1 chain	80 chains	= 1 statute mile
30 1/4 square yards	= 1 square rod	1 mile square	= 1 township	36 sections	= 36 square miles		
1 square rod	= 272.25 square feet	6 miles square	= 1 township				
160 square rods	= 1 acre	36 sections	= 36 square miles				
1 acre	= 4,840 square yards						

## Conversion of Chains to Rods and Feet

Chains	Rods	Feet	Chains	Rods	Feet	Chains	Rods	Feet
1	16.5	14	56	924.	27	108	1782.	
2	33.	57	940.5	109	1798.5	3	1	3.84
3	49.5	58	957.	110	1815.	4	2	7.68
4	66.	59	973.5	111	1831.5	5	3	11.52
5	82.5	60	990.	112	1848.	6	4	15.36
6	99.	61	1006.5	113	1864.5	7	5	19.20
7	115.5	62	1023.	114	1881.	8	6	23.04
8	132.	63	1039.5	115	1897.5	9	7	26.88
9	148.5	64	1056.	116	1914.	10	8	30.72
10	165.	65	1072.5	117	1930.5	11	9	34.56
11	181.5	66	1089.	118	1947.	12	10	38.40
12	198.	67	1105.5	119	1963.5	13	11	42.24
13	214.5	68	1122.	120	1980.	14	12	46.08
14	231.	69	1138.5	121	1996.5	15	13	49.92
15	247.5	70	1155.	122	2013.	16	14	53.76
16	264.	71	1171.5	123	2029.5	17	15	57.60
17	280.5	72	1188.	124	2046.	18	16	61.44
18	297.	73	1204.5	125	2062.5	19	17	65.28
19	313.5	74	1221.	126	2079.	20	18	69.12
20	330.	75	1237.5	127	2095.5	21	19	72.96
21	346.5	76	1254.	128	2112.	22	20	76.80
22	363.	77	1270.5	129	2128.5	23	21	80.64
23	379.5	78	1287.	130	2145.	24	22	84.48
24	396.	79	1303.5	131	2161.5	25	23	88.32
25	412.5	80	1320.	132	2178.	26	24	92.16
26	429.	81	1336.5	133	2194.5	27	25	96.00
27	445.5	82	1353.	134	2211.	28	26	99.84
28	462.	83	1369.5	135	2227.5	29	27	103.68
29	478.5	84	1386.	136	2244.	30	28	107.52
30	495.	85	1402.5	137	2260.5	31	29	111.36
31	511.5	86	1419.	138	2277.	32	30	115.20
32	528.	87	1435.5	139	2293.5	33	31	119.04
33	544.5	88	1452.	140	2310.			
34	561.	89	1468.5	141	2326.5			
35	577.5	90	1485.	142	2343.			
36	594.	91	1501.5	143	2359.5			
37	610.5	92	1518.	144	2376.			
38	627.	93	1534.5	145	2392.5			
39	643.5	94	1551.	146	2409.			
40	660.	95	1567.5	147	2425.5			
41	676.5	96	1584.	148	2442.			
42	693.	97	1600.5	149	2458.5			
43	709.5	98	1617.	150	2475.			
44	726.	99	1633.5	151	2491.5			
45	742.5	100	1650.	152	2508.			
46	759.	101	1666.5	153	2524.5			
47	775.5	102	1683.	154	2541.			
48	792.	103	1699.5	155	2557.5			
49	808.5	104	1716.	156	2574.			
50	825.	105	1732.5	157	2590.5			
51	841.5	106	1749.	158	2607.			
52	858.	107	1765.5	159	2623.5			
53	874.5			160	2640.			
54	891.							
55	907.5							

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1/8 mile      1/4 mile      3/8 mile      1/2 mile



## Decimal Equivalent in Chains to Feet

Chains	Feet	Chains	Feet	Chains	Feet	Chains	Feet
.01	.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