DIAMETER OF TREE (INCHES)		6	8	10	
TREE SCALE STICK INTERNATIONAL RULE FC 79 HOLD STICK LEVEL AGAINST TREE 23 INCHES FROM EYE AND 4 1/2 FEET ABOVE GROUND ON UPHILL SIDE OF TREE.	1 16-FOOT LOG 2 16-FOOT LOGS 3 16-FOOT LOGS 4 16-FOOT LOGS 5 16-FOOT LOGS	(BOARD FOOT VOLUME)		38 61 77	48 79 101
STAND 66 FEET FROM TREE, HOLD STICK STRAIGHT UP AND DOWN 23 INCHES FROM EYE. SIGHT THIS END AT STUMP HEIGHT.	NUMBER OF 16 FOOT LOGS	1			

A

B

12		14		16		18		20		22		24		26		
58	70	82	95	108	124	140	158	176	196	216	238	260	283	305	331	
96	117	138	161	183	212	240	273	305	342	378	418	458	499	540	588	
124	153	182	214	246	286	325	370	414	464	514	571	628	685	742	810	
141	176	211	252	292	340	388	442	496	559	621	687	753	826	899	980	
								561	636	710	793	875	961	1046	1144	
2								3								

C

28		30		32		34		36		38		40	
357	385	413	444	474	506	538	570	602	638	674	712	750	
635	686	737	793	848	907	966	1027	1087	1154	1220	1293	1365	
877	949	1020	1101	1181	1265	1349	1435	1521	1621	1720	1822	1923	
1061	1148	1235	1338	1440	1544	1647	1754	1860	1981	2101	2232	2362	
1242	1350	1458	1572	1685	1809	1932	2061	2189	2339	2488	2632	2775	
				4									5

NATIONAL 4-H FORESTRY INVITATIONAL

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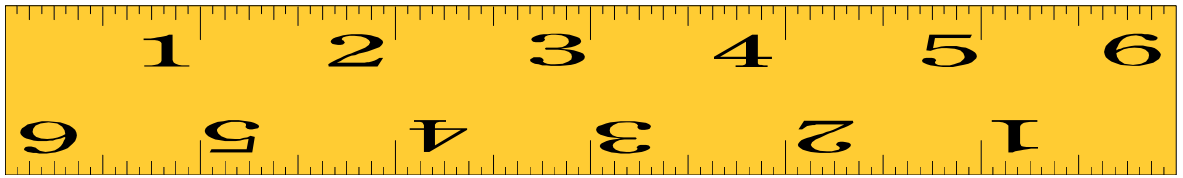
The scale sticks above are designed to fit on a yardstick. Cut out each section of the tree scale stick along the outside edge of the black line. Apply rubber cement to the back of each section and apply them to the yardstick. Beginning with section A, align the zero end of the scale stick flush with the zero end of the yardstick. Next, apply section B - C, D – E, and F in order. Once the scale stick sections are mounted on the yardstick, cover the stick with clear contact paper. This will protect the stick against moisture and wear. Clear contact paper is available from most department stores.

NOTE:
Printed material is often distorted from its original size. Before cutting out the tree scale stick templates check to make sure that your printer/copier has printed them at the proper scale. Use a standard ruler and measure along the ruler template below. Be sure that all the inch marks on your ruler line up with the ruler template. If they do not use a copy machine to either increase or decrease the size of the paper until the inch marks below line up with a standard ruler. Once they match you are ready to cut out the templates for the tree scale stick above.