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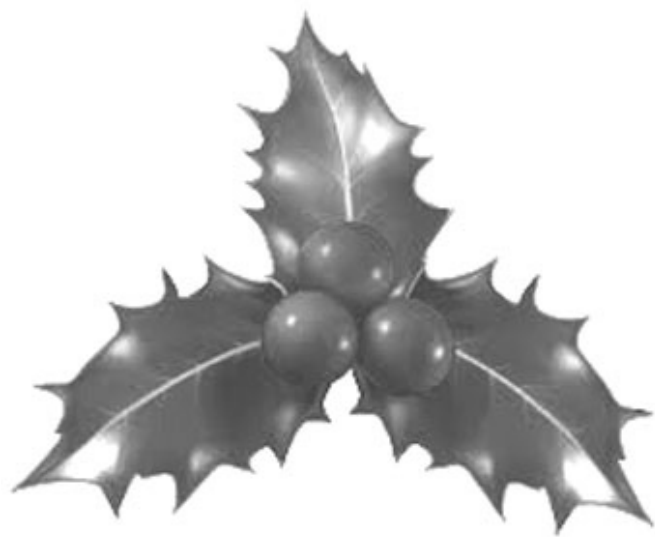
Boughs of Holly

banning the sale of fresh American holly.

American holly is a native evergreen tree common from Massachusetts to Florida westward to Texas. It is a slow growing tree, reaching heights of 35-50 feet and trunk circumference from 30-50 inches. The Kentucky's state champion American holly tree is located in Bath County and measures 54 feet in height and an astounding 7.5 feet around.

The American holly (*Ilex opaca*) tree is a common component of the American Christmas holiday decorations. Its bright red berries and unique glossy green leaves make it a popular addition to landscapes as well. Legend says when the Pilgrims landed at Plymouth Rock, the native holly reminded them of the European holly which had been a symbol of Christmas for centuries. Early in the 20th century, American holly's popularity caused it to become so scarce that Delaware and Maryland passed a law

American holly prefers a moist, slightly acid soil and grows well in full sun to partial shade. Both male and female trees must be in the same area to produce berries. While both produce creamy white flowers in late spring, only the females produce fruit. One male plant is required for pollinating up to eight female trees. A ratio of 1:3 male to female trees is about the optimum number for pollination and production of berries. The berries appear in mid-autumn and serve as a major food source for migrating



small birds such as cedar waxwings and goldfinches as well as deer, squirrel, and turkeys. The berries are poisonous to humans. There are over 1,000 cultivars of American holly. Some varieties produce yellow berries so check the label or buy when the berries are on the plant to be sure of their color and if it is a female plant. Unpruned, their natural form is a pleasing pyramidal shape, but if you must prune, note that berries appear on the current year's growth. Pruning is best done in December;

pruning after flowers form in the spring will mean fewer berries.

For more home landscape plant information, contact the Estill County Extension Service at 606-723-4557. The Extension office will be closed December 23rd through January 1st for the holidays. We wish you all a Merry Christmas and Happy New Year!

Educational programs of the Co-operative Extension Service serve all people regardless of economic or social status and will not discriminate on the basis of race, color, ethnic origin, national origin, creed, religion, political belief, sex, sexual orientation, gender identity, gender expressions, pregnancy, marital status, genetic information, age, veteran

Wishing Well®

8	3	4	8	2	3	5	4	3	6	4	8	2
S	N	H	E	A	I	C	O	G	A	M	E	N
3	4	3	2	8	2	8	2	3	4	6	2	6
H	E	T	E	K	W	A	L	T	L	C	I	T
2	7	4	2	4	2	3	6	8	7	3	4	3
F	B	I	E	F	B	I	I	D	E	M	E	E
4	3	6	5	7	5	7	5	6	3	4	5	6
C	F	O	L	A	E	U	V	N	U	H	E	S
8	7	6	7	5	6	3	6	4	8	7	8	5
V	T	J	Y	R	U	N	S	A	I	E	C	I
6	4	7	8	7	4	2	4	2	4	2	7	5
T	N	N	E	D	G	E	E	G	S	I	U	D
7	6	2	6	7	2	6	5	6	7	6	5	5
R	I	N	F	E	S	I	E	E	S	D	A	S

HERE IS A PLEASANT LITTLE GAME that will give you a message every day. It's a numerical puzzle designed to spell out your fortune. Count the letters in your first name. If the number of letters is 6 or more, subtract 4. If the number is less than 6, add 3. The result is your key number. Start at the upper left-hand corner and check one of your key numbers, left to right. Then read the message the letters under the checked figures give you.

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CryptoQuip

This is a simple substitution cipher in which each letter used stands for another. If you think that X equals O, it will equal O throughout the puzzle. Solution is accomplished by trial and error.

Clue: I equals T

TKYC IKY NXXGDY HXDCYR IKY
BKDBGYCU' ZEUYZEVV IYEA, DIU
GEAY TEU ERRYR IX IKY NXXUIYN
NXUIYN.

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CryptoQuote

AXYDLBAAXR
is
LONGFELLOW

One letter stands for another. In this sample, A is used for the three L's, X for the two O's, etc. Single letters, apostrophes, the length and formation of the words are all hints. Each week the code letters are different.

JRTWT OWT DLGC JZD WDOYV
JROJ GTOY JD VDATJRELB
GENT RHAOL ROXXELTVV. JRTC
OWT AOWNTY QC JRT ZDWYV:
GDUT OLY OKRETUTATLJ.
— JRTDYDW WTEN

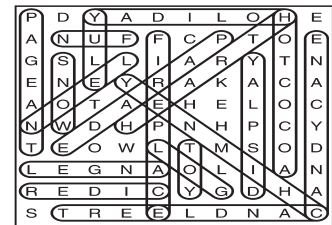
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Puzzle Answers

December 18, 2019

Puzzles4Kids

Answer



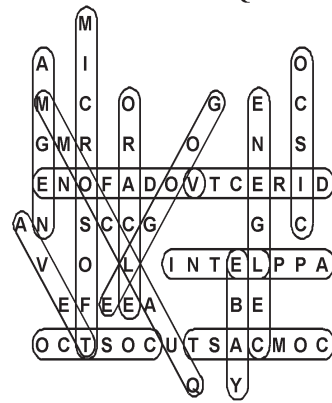
Riddle Answer:
Deck the Howls.

Letter Box

Solution

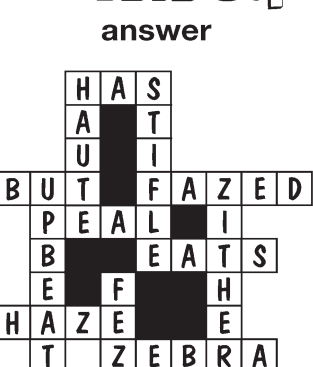
U	R	B	K	N	S	C	T	A
N	T	S	C	U	A	R	K	B
K	C	A	B	R	T	N	S	U
C	N	T	S	B	U	K	A	R
R	B	U	A	T	K	S	N	C
S	A	K	R	C	N	B	U	T
B	K	N	U	A	C	T	R	S
A	S	C	T	K	R	U	B	N
T	U	R	N	S	B	A	C	K

COMPANIES LISTED ON THE NASDAQ



FEAR & KNIGHT

answer



Even Exchange

answers

- Lively, Lovely
- Stole, Style
- Tender, Fender
- Audit, Audio
- Expel, Excel
- Jiggle, Jingle
- Order, Odder
- Margin, Marvin
- Blast, Beast
- Waiver, Waiter

Weekly SUDOKU

Answer

3	8	5	9	6	4	1	7	2
9	7	1	5	3	2	8	4	6
4	2	6	8	1	7	3	5	9
2	6	4	3	5	8	7	9	1
1	3	9	2	7	6	5	8	4
7	5	8	1	4	9	2	6	3
8	4	2	7	9	3	6	1	5
6	1	3	4	8	5	9	2	7
5	9	7	6	2	1	4	3	8

King Crossword

Answers

Solution time: 24 mins.

C	O	A	L	S	S	C	H	I	S	T		
S	U	B	M	I	T	P	A	U	N	C	H	
P	R	O	P	E	R	A	R	T	H	U	R	
A	B	E	L	A	A	M	M	O	A	D	O	
E	L	I	A	M	O	B						
A	I	L	A	G	R	A	I	N	T			
F	R	E	N	C	H	Q	U	A	R	T	E	R
T	E	S	T	T	U	G	S		S	O	Y	
S	H	E	E	M	I	T						
O	R	E	A	L	E	E	I	S	L	E		
G	E	N	E	V	A	T	I	O	N			
R	E	E	V	E	S		T	W	A	N	G	S
E	L	D	E	S	T		S	E	N	S	E	

Farming News

January, 2020

Fruit Tree Rootstock Orders

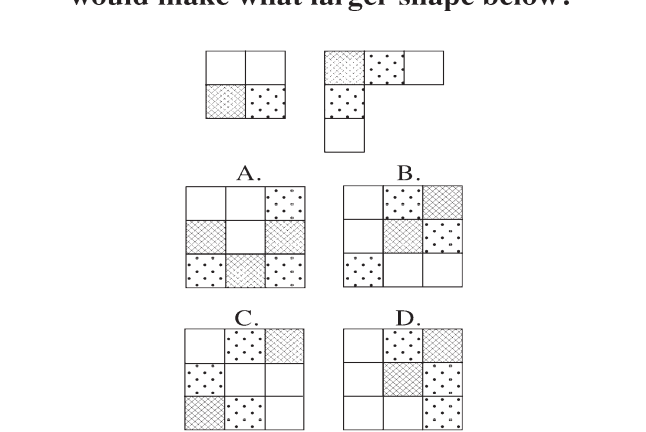
The Estill Extension Service will be taking orders for apple and pear rootstocks in January 2020. If you want to propagate a favorite apple or pear, grafting is one of the easiest ways to preserve that cultivar. To graft, you will need scion wood (terminal branch segments from last year's growth collected at the end of February) and a rootstock. If you do not know how to graft, come by our office for information or assistance.

Although rootstock inventory has been tight, we will try to order Malling 7 (55% of standard size), MM.111 (80% of standard) semi-dwarf apple rootstock, and a pear rootstock. Please place your order and prepay by January 24. The rootstocks usually arrive by the last of February or first of March.

Stickeler's Puzzle

by Terry Stickels

If fitted together, the two sections on top would make what larger shape below?



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Stickeler's Answer on Page 11

by Mike Marland



TIGER



Bible Trivia Answers

Now available by Wilson Casey! 2017 Bible Trivia box calendar loaded with daily teasers.

ANSWERS (1) Netter; (2) Isalah; (3) Engaged; (4) Angel appearance; (5) Jerusalem; (6) Does not