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Not All Firewood is Created Equal

of heat. Wood is made up of air and wood fiber, or cellulose. Since the cellulose burns, but not the air, look for the heaviest or densest firewood per unit volume. The best woods would be oak, hickory and black locust. Yellow-poplar, silver and red maple are not as dense and will provide much less heat. On the other hand, they are great woods for starting a fire.

Freshly cut wood contains a lot of water. Seasoned wood refers to wood that has been given the time for some or all of that water to evaporate. It usually takes between six and 12 months for wood to cure. If you burn it too soon, when it's still green, most of the heat generated will go into evaporating that water, rather than heating your room. Burning unseasoned wood can also be dangerous, as the smoldering fire that is generated can cause a creosote buildup in your chimney.

Burning pine logs, with their heavy resin, can result in the same problem. Over time, that buildup can lead to a chimney fire.

If you're seasoning your own wood, cut it first to a length that fits your fireplace, remove the bark, and split the logs for faster drying. Stack it off the ground in an open area with good airflow. Pallets make a good base for this. Air dry it for a minimum of six months.

If you are buying your wood from a vendor, ask what tree species the wood comes from and how long it has been seasoned. Wood that has been properly seasoned has a gray, weathered appearance and large cracks in the ends of the logs. Even if you've bought seasoned wood, storing it correctly - stacked off the ground and covered with a tarp to protect it from rain - will prevent the wood from re-absorbing water.

Be aware, too, of unwanted visitors that can hitch a ride on your firewood. Buy firewood where you burn it. Moving infected firewood, especially ash, can spread invasive species, such as the emerald ash borer, a destructive species that originated in Asia. More than likely you won't see the adults, which are three-eighths to one-half-inch long and very narrow. But larva and eggs could be out of sight inside the logs.

Please be safe when using wood stoves and fireplaces this winter season and have a joyous Christmas season. For more information, contact the Estill County Extension office at 723-4557.

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Fires in the fireplace or outside in the fire pit are intrinsically connected to our visions of nestling in for a long comfy winter. Let the winter bring its ice and snow if it wants. Inside, we have a fire to snuggle up to. According to UK extension forester Laurie Taylor Thomas, not all firewood is created equal and there are some important things to know before lighting just any old wood. First, different species of trees provide different amounts

Wishing Well®

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

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: A equals T

BKUOB RAIQG DFKEA D ZKEMW

SDOQ WOIT SOAC ACY DFOTOAZ

AK BCDMWY QKIUR: "TOAATY

UKIGCOM' DMMOY".

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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.

XJLNL FNL ILGLNFR YFMI XQ

FEEQNWXQB XJL DFSWRM

WBPQSL, FRR QD XJLS

TBIFXWIDFPXQNM.

— NQULNX ULBPJRLM

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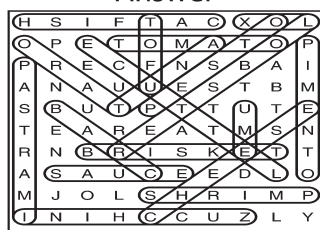
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Puzzle Answers

December 13, 2017

Puzzles4Kids

Answer



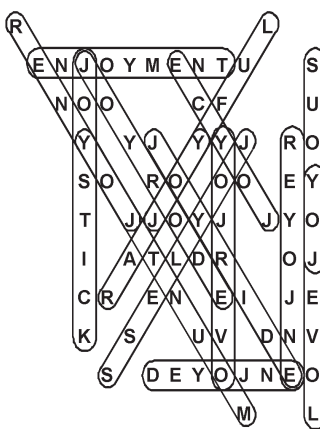
Riddle Answer:
Peanut butter and jolly.

Letter Box

Solution

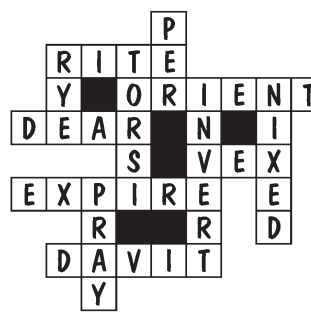
I	F	E	R	U	P	D	O	W
U	O	D	E	W	F	P	I	R
W	P	R	I	O	D	E	U	F
R	D	F	O	P	U	W	E	I
E	U	P	W	F	I	O	R	D
O	W	I	D	E	R	F	P	U
D	E	U	F	I	O	R	W	P
P	R	O	U	D	W	I	F	E
F	I	W	P	R	E	U	D	O

JOYFUL WORDS



FEAR KNIT

answer



Even Exchange

answers

- Waltz, Walts
- Silver, Shiver
- Leader, Lender
- Judge, Nudge
- Patron, Patrol
- Heist, Hoist
- Stowe, Stove
- Mumble, Fumble
- Fronk, Front
- Recant, Recent

Weekly SUDOKU

Answer

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

King Crossword

Answers

Solution time: 21 mins.

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

CryptoQuip

answer

Comic strip about a young waif girl with the ability to change forms: "Little Morphin' Annie".

CryptoQuote

answer

There are several ways to apportion the family income, all of them unsatisfactory. — Robert Benchley

Bible Trivia Answers

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

ANSWERS (1) Neither; (2) Isatah; (3) Engaged; (4) Simeon; (5) Nowhere; (6) an angel



The balsam fir is one of the top trees grown and sold for use as Christmas trees. It has dense, dark-green foliage, long-lasting needles and retains its pleasing fragrance. Nine or ten years are required to grow a balsam fir that is 6 or 7 feet tall. Often found with white spruce, black spruce and aspen on upland sites, it is native to eastern and central Canada and the northeastern United States. It grows best on well-drained, sandy loam soils that are somewhat acid, and is tolerant of shade. The balsam fir may live as long as 150 to 200 years. - Brenda Weaver

Source: realchristmastrees.org, forestry.ohiodnr.gov

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Americanisms



"Few things are more satisfying than seeing your children have teenagers of their own."

—Doug Larson

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Stickeler's Puzzle

STICKELERS

by Terry Stickels

Below are four squeezer puzzles. Can you find the correct word to be placed in the middle of each to create two new words, one front-end, one back-end?

Here's an example of how it works:
ever **G R E E N** horn

- 1) broad _____ width
- 2) wind _____ neck
- 3) flood _____ proof
- 4) pin _____ house

We'll give one set of answers, but there may be more.

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Stickeler's Answer on Page 11

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