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## Late Summer Tips For Cattle Producers

them gently to minimize stress.

Continue to watch for pinkeye and treat if necessary. You can minimize problems by clipping pastures, controlling face flies and providing shade. Monitor the bulls' activity and physical condition as the breeding season winds down.

Remove bulls from the cow herd by the end of July and keep them away from the cows. A short calving season can concentrate labor. It's a good idea to group calves by age, so it is easier to find a convenient time to vaccinate, castrate, dehorn, etc. and provide a more uniform group of calves at market time.

For fall-calving herds, deworm cows in mid-July with a product that is effective against ostertagia. Fall-calving cows should be dry and pregnant now. Their nutrient needs are minimal, and they can be maintained on poor pasture to avoid over fattening. Keep a good free-choice mineral mix available at all times. You can use a lower phosphorus mineral supplement now, if you want to save a little money. These cows are regaining body condition after a long winter feeding period. Get ready for fall calving and plan to have good pasture available at calving and through the breeding season.

For stockers, you should sell heavier grazing cattle before their rate of gain decreases or they get into a heavyweight category. This will also relieve grazing pressure as pasture growth diminishes. You can replace them with lightweight calves after pastures recover.

You need to rotate lighter cattle on pasture to grass-legume or warm-season grass pastures to maintain a desirable level of performance.

Reimplant these calves and deworm them with a product that is effective against inhibited ostertagia.

In general, it's a good time of year to have forage analyses conducted on spring-cut hay and have large, round bales covered. You can begin planning the winter feeding program now. Most of the hay was cut late this year due to a wet spring, so first-cut hay quality may be low.

Be sure your animals always have clean water, especially in hot weather. Make routine checks of the water supply. Cattle need 13 to 20 gallons of clean water daily in hot weather.

Maintain a weed control program in permanent pastures and continue to "spot-spray" thistle, honey locust, etc. Check pastures for downed wild cherry trees after storms; wilted wild cherry leaves are toxic to cattle. Start soil testing pastures to determine fertilization needs for this fall.

Contact the Estill County Cooperative Extension Service for more information about beef cattle production at 723-4557.

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*Helianthus annuus*, the common sunflower, was domesticated in North America roughly 5000 years ago. Many indigenous American peoples used it as the symbol of their solar deity, including the Aztecs and the Otomi of Mexico and the Incas in South America. Early Spanish explorers carried its seeds back to Europe, and by the early 1800s Russian farmers were growing over 2 million acres of sunflower.

Sources:  
wikipedia.org/wiki/Helianthus\_annuus  
www.sunflowerusa.com

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## Stickeler's Puzzle



Fill in the missing number:

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

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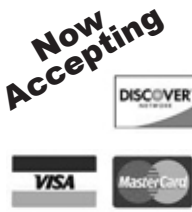
Stickeler's Answer on Page 11

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

HSAVD Z AJJL AKV BDZXN

IZTIVD BJLZV JFA JS AKV

SDZEIV, PJFYE CJF XHC ZA PHX

H BJYE XTHN?

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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.

XJ PHU NKDZUYDD OBHOJD

NPTYD XY; Z QTYEYT PLCYT

QYPQBY'D. — PDROT HZBMY

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## Puzzle Answers

July 29, 2015

### Puzzles4Kids

Answer

BROWSE B SWORE  
SWIVEL L VIEWS  
OUSTED U DOTES  
FIBERS B FIRES  
STABLE B TALES  
UNSEAT E TUNAS  
STRIDE R DIETS

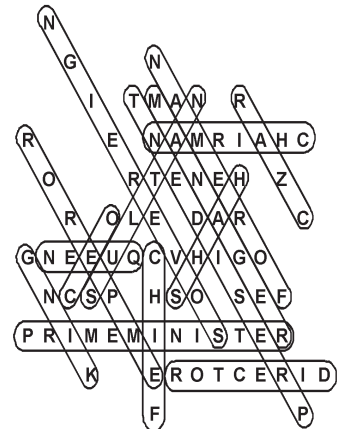
GRACES G SCARE  
GUARDS U DRAGS  
SMILER M RILES

### Letter Box

Solution

E	L	R	V	B	D	O	U	A
A	B	O	U	L	R	D	E	V
D	U	V	A	O	E	R	B	L
O	R	D	B	V	L	U	A	E
U	E	L	O	R	A	V	D	B
V	A	B	E	D	U	L	O	R
L	D	E	R	A	O	B	V	U
B	O	U	L	E	V	A	R	D
R	V	A	D	U	B	E	L	O

THE BOSS



### CryptoQuip

answer

After I took the crisp ginger cookie out of the fridge, would you say it was a cold snap?

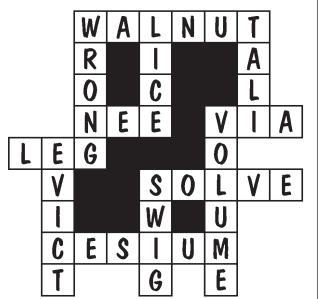
### CryptoQuote

answer

My own business always bores me; I prefer other people's. — Oscar Wilde

### FEAR & KNIGHT

answer



### Even Exchange

answers

- Entire, Entice
- Pinch, Punch
- Braid, Brain
- Tamer, Tater
- Calmed, Called
- Hermil, Kermit
- Wilma, Willa
- Twine, Twins
- Pardon, Parton
- Scout, Scour

### Weekly SUDOKU

Answer

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

### King Crossword

Answers

Solution time: 21 mins.

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

### Bible Trivia Answers

Casey's trivia book "Know It? ... or Not?" is available from BearManorMedia.com

ANSWERS (1) New; (2) zebub; (5) Andrew; (6) 117  
Joshua; (3) Judas; (4) Beel

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  - Ham Cutlets . . . . . \$3<sup>50</sup>/Lb. (Similar to cube steak, only ham)
  - Bacon . . . . . \$4<sup>25</sup>/Lb.
  - Jowl Bacon . . . . . \$3<sup>50</sup>/Lb.
  - Pork Tenderloin . . . . . \$4<sup>50</sup>/Lb.
  - Pork Chops . . . . . \$4<sup>00</sup>/Lb.
  - Spare Ribs . . . . . \$3<sup>50</sup>/Lb.
  - Country Style Ribs . . . . . \$3<sup>50</sup>/Lb.
  - Baby Back Pork Ribs . . . . . \$3<sup>50</sup>/Lb.
  - Pork Burgers . . . . . \$4<sup>00</sup>/Lb. (Ground, pattied pork with no seasoning)
  - Bratwursts . . . . . \$4<sup>00</sup>/Lb.

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