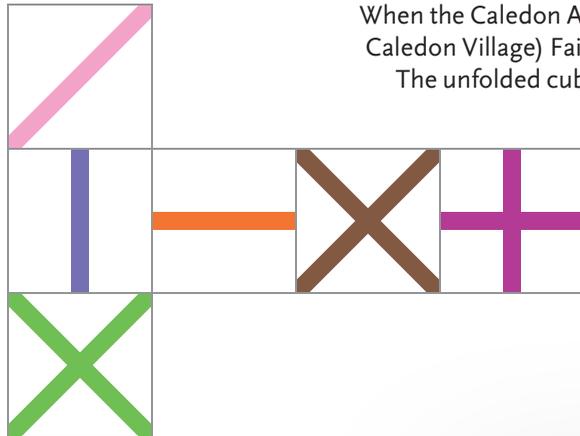


A PUZZLING CONCLUSION

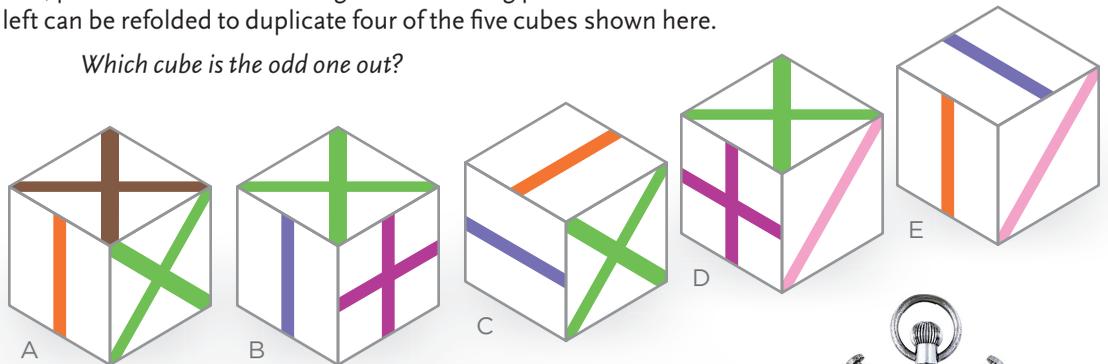
by Ken Weber

At the Charleston Fair

When the Caledon Agricultural Society celebrated its tenth anniversary at the Charleston (now Caledon Village) Fair in 1870, prizes were offered to fairgoers for solving puzzles like this one. The unfolded cube at left can be refolded to duplicate four of the five cubes shown here.



Which cube is the odd one out?



A Conversation in the Spectators' Gallery

"Mom, is it true Grandma was born on New Year's Day? Is today actually her birthday?"

"Yes, now keep your voice down."

"So how old is she today?"

"Really, Chris! The Town of Caledon becomes an official municipality today and we're here to watch the ceremony. Can't we talk about this later?"

"Well, Ramesh wants to know. I do too."

"Sometimes, Chris ... okay. Add six squared to the square root of 64 and subtract what you get from the only year in this century that looks the same right side up and upside down. That will tell you the year Grandma was born. Then you can figure out how old she is today. [Aside to Chris's father] That ought to keep them busy for a while!"

The conversation above would have taken place when the Town of Caledon was officially launched on January 1, 1974, so how old is Grandma?

Using the Dictionary in your Head

The six **orange** words below appeared in a recent issue of this magazine. Note that each **orange** word is paired with a **green** word. The **challenge** is to figure out what ordinary English word appears between each **orange/green** pair in a standard English dictionary. The **catch** is that the number of letters in your answers must fit in the spaces provided (i.e., six spaces call for a six-letter word). No proper nouns, plurals, hyphenated or obscure words permitted. (And of course you wouldn't even think of consulting a dictionary until you have answered.)

forty _____ forward
 life _____ ligament
 quit _____ quiz
 implicate _____ implied
 trust _____ try
 heather _____ heaven

You've Got 90 Seconds!

Some people can solve these three "speed puzzles" in only a few seconds. You've got 90, so get started. (If one stumps you, move quickly to the next and then come back.)

1

A man and a woman are alone on an island without water, food or material to build a raft or boat. Yet they are not worried because they are in Orangeville.

How can this be?

2

Mary's father lives near Inglewood. He has five daughters: Mala, Mela, Mila, Mola ...

What is the name of the fifth daughter?

3

Without using pencil or paper complete this simple addition problem. (Remember, 90 seconds!) Start with the number 1000. Add 40 to it. Now add 1000. Add 30. Add another 1000. Then add 20. Add 1000. Now add 10.

What was your total?

AN IN THE HILLS MINI MYSTERY

The Body in the Badlands

"These are excellent photographs," Adrian said. "Good work."

The pair of young uniformed officers sitting across from him tried hard not to blush. "You've got the tire tracks perfectly," he continued without looking up, "just in time too because that thin layer of snow was gone before the forensics people got there. The photos should help us identify the brand of tires and every little bit helps. Whoever dumped the body probably had

a van of some sort and we might be able to pair the model with the tires if they're original."

"Now the body ..." Adrian still hadn't looked up at the officers. "You photographed it from both the east and west sides – that was good – and there it is right where the tire tracks end. Seems he, well, maybe she, the *dumper* anyway, backed in from Old Base Line Road, got rid of the body, and drove out again. Backed in from the west and then drove out east. Yeah, makes sense. Probably heading back to Highway 10. He could be anywhere by now. Well,

like I said, good job. Sure wish there were some footprints too."

"By the way," Adrian looked up for the first time. How come you were on Base Line? Weren't you supposed to patrol west from Mississauga Road? Well, doesn't matter. You're both new here. Where you found the body, do you know why they call it the Badlands?"

Why did Adrian say the person who dumped the body "probably had a van of some sort"?