

Who's Afraid of the Big Bad Wolf?

"This is 'Talk Radio' with your all-night host, Edward R. Fox. Tonight's guest is none other than the infamous Big Bad Wolf."

"Welcome to our show, Mr. Wolf."

"Thank-you, Ed. I'm excited and just a wee bit nervous to be here."

"So, Mr. Wolf, how's it feel to be a multi-millionaire?"

"Oh, you mean that Colorado Lottery episode?" Well, that's behind me. Thank heavens."

"Don't tell me you've already spent that entire fortune. Why, it's been only two short months since KCNC, the voice of Colorado's Capitol City, announced your winning lottery numbers."



1. _____ From what city was the Big Bad Wolf's lottery numbers announced?

"True, but what torture those two months were for me. You'd never believe the horror that that experience brought me!

"It all started with a dream I had one night while sleeping cozily in my forest hide-away, several miles from Castle Rock. I knew I had been a problem for the citizens of Castle Rock for many years. That really bothered me. In my dream, I saw myself going from house-to-house, equally distributing my winnings to each and every citizen living there. So, the next morning I headed for Castle Rock with the very best of intentions."

2. _____ Since wolves may take up residence in National Forests, that's where the Big Bad Wolf chose to make his home. What National Forest was home to the Big Bad Wolf?
3. _____ What letter-number combination on the State Highway Map's grid system may be used to locate the city of Castle Rock?
4. _____ In which county is Castle Rock located?

"As soon as I was spotted on the streets, my problems began. I couldn't believe those people! Just because I am a little different did not give them the right to scream, throw rocks, and shoot at me. I did manage to seek refuge at Police Headquarters for just a few moments. When I realized I would get no sympathy there, I hurriedly left town, traveling in a Northeasterly direction ... townspeople at my heels. Fortunately I managed to outrun everyone. Boy, did the name 'Hangmans Gulch' [Castle Rock North Quad, Sector 7] take on a whole new meaning for me."

5. _____ Is the stream that flows through Hangmans Gulch classified as **perennial** or **intermittent**?
6. _____ In what general direction does that stream flow?

"I was in a real tizzy! Can you imagine? Me, the Big Bad Wolf, running from insignificant, puny little humans. At first I ran along the banks of the stream, traveling in a Southeasterly direction, but I became concerned when I suddenly found myself running through lawns and hearing sounds of traffic ahead."

- 7. _____ Into what quad would the Big Bad Wolf have run had he continued in that same direction?
- 8. _____ State the highway designation and number whose traffic the Big Bad Wolf had heard in the distance.
- 9. _____ How has this route been classified? [In terms of highway surface and traffic flow.]

“Well, Mr. Wolf, earlier you stated that you were a little different from most everyone else in Castle Rock. Does this by any chance refer to your encounters with Little Red Riding Hood and the Three Little Pigs?”

“Those stories really infuriate me! Just because I prefer pork to beef and enjoy a little picnic lunch now and then doesn't make me BIG or BAD! It simply means I'm hungry a great deal of the time. How would you like to spend your life foraging in the woods for your food all the time? Believe me. That really gets to be a drag!

“In spite of what people may believe, I really do like little kids. I remember that day well. I had just scampered down the Southern slope of Cherokee Mountain, my favorite hangout [Sedalia Quad, Sector 5], on my way to Sadalia. As I was strolling through the woods, I thought I heard the sound of someone whistling. It was then that I spotted Little Red Riding Hood, skipping happily along, carrying a picnic basket.

“I suddenly found myself in the mood for a delicious snack of fried chicken, potato salad, and soda ... now only pleasant odors coming from that picnic basket. I knew for certain that if Little Red Riding Hood saw me she'd be frightened, so I ran ahead to Grandma's house, locked Grandma in her closet, dressed myself in her gown, and hopped into her nice, cozy bed. I did not plan to, nor did I, harm that little old lady in any way. And that, my friend is the absolute truth!”

- 10. _____ Little Red Riding Hood's Grandmother lives in the “inverted L” shaped house about one mile South of the summit of Cherokee Mountain. What kind of contour lines lie to the North and South of Grandma's house?
- 11. _____ What kind of benchmark lies at the summit of Cherokee Mountain?
- 12. _____ According to the bench mark atop Cherokee Mountain, what is that mountain's highest elevation?
- 13. _____ What is the value of the adjacent-lying contour directly uphill from Grandma's house?
- 14. _____ What is the difference in elevation between the contour line directly North of Grandma's house [see question 13] and the summit of Cherokee Mountain [see question 12]?
- 15. _____ What is the distance from the first contour line directly North of Grandma's house and the summit of Cherokee Mountain?
- 16. _____ feet per 100 feet Calculate the slope between the contour directly North of Grandma's house and the summit of Cherokee Mountain. Use the formula: [Difference in elevation/Distance] X 100.
- 17. _____ While lying in bed, Grandma often hears the sounds of railroad trains. What type of railroad tracks pass within one quarter of a mile South of her house?

18. _____ What class road leads from Grandma's house to U. S. Route 85?



"I had heard from a friend of mine that a little pig was busily constructing a house of straw near Daniels Park [Sedalia Quad, Sector 2]. I live at the base of Cherokee Mountain [Sedalia Quad, Sector 5] where I have very few encounters with humans, but occasionally I travel Northward to Daniel's Park in the hopes of acquiring a picnic basket or two. I have to admit that, this time, my motive may have been a little less acceptable to both porkers and humans. I was well aware that this would cause me nothing but grief. But no matter how hard I tried, I simply could not get the thought of a luscious pork chop out of my head.

19. _____ How many kilometers, to the nearest tenth, did the Big Bad Wolf have to travel on his expeditions to Daniel's Park, as measured from the summit of Cherokee Mountain to the bench mark labeled Riley Hill?
20. _____ What type of Survey Control mark is found on Riley Hill?
21. _____ Determine the magnetic bearing from the picnic table symbol above the "n" in the name "Daniels Park" to the summit of Cherokee Mountain.

"Because I had been to Daniels Park previously, I had little difficulty finding the Little Pig's new home. I waited outside until dusk at which time I was quite certain no one would witness my meal-gathering tactics. I approached the straw house and called for the Little Pig to come out. His response 'Not by the hair on my chinny-chin-chin' really angered me, so I huffed and I puffed until his little house caved in.

"All that straw flying through the air made my eyes water and my nostrils twitch. By the time I had recovered, that little pig had disappeared!

"I searched for tracks leading away from the straw house. Since a full moon – my favorite phase as you may have guessed – was shining brightly. I soon came upon his tracks. Although I was extremely tired, I do remember passing through the small community of Beverly Hills [Castle Rock North Quad, Sector 1] at around midnight.

"It took nearly all night, but I finally came upon a scene in South Newlin Gulch [Castle Rock North Quad, SE corner of Sector 1] that made the saliva flow from my chops like rain – two little pigs about to enter their newly constructed house of twigs and sticks!"

22. _____ What **meridian of longitude** passes through the little town of Beverly Hills?
23. _____ What **parallel of latitude** passes through South Newlin Gulch?
24. _____ How do you know that the area in which the second Little Pig had chosen to build his house had plenty of twigs and sticks for them to construct their home?

"I approached the Little Pig's house and called out in my sweetest voice, 'Hey, Little Pigs, I'm your neighbor from across the stream. May I please come in?' I could hear their giggling and laughter as they both called out, 'Not by the hairs on our chinny-chin-chins!'

"By now I was so hungry, nothing mattered. I huffed, and I puffed until I was red in the face. It took so long for my huffing and puffing to work that, when their house finally did collapse, those two little pigs had already made their escape out the back door and were off to their third brother's house.

"Since it was broad daylight, I had no trouble following them. I don't know how in the world they did it, but those two little porkers managed to keep well ahead of me, knocked on the door of their wiser brother's red brick house, and slipped inside just as I was about to grab them. This chase had taken me about two miles East of the second Little Pig's house. I sat and pondered my fate for a very long time in the shadow of a large windmill [Castle Rock North Quad, SE corner of Sector 2] looming over my head."

25. _____ Explain why the symbol for the windmill is shown on the quad, but the home of the third Little Pig is not.

26. _____ From where had the third Little Pig acquired the raw material to bake into the bricks used in constructing his new home?

"You probably know the rest of the story. I tried very, very hard to blow that brick house down. I admit, trying to blow down a house made of bricks was a stupid idea, but not nearly as stupid as my second idea – trying to get into their house by climbing down the chimney as if I were Santa Claus on Christmas Eve! Who would have thought that those pigs would build a fire in their fireplace in the middle of the summer! Thoughts of the burns I received on my rump haunt me to this very day."

"You've had quite a tale to tell, Mr. Wolf. You mentioned earlier that your winning the Colorado Lottery had resulted in 'a two-month ordeal of torture'. In the next few moments, could you please share a few of the problems caused by your big win?"

"Certainly, Mr. Fox. After winning the lottery, I wanted to make amends to all those who claimed to have been victimized by my irresponsible acts ... even though those acts were perfectly natural for a wolf. I was determined to scour every square mile of Colorado to accomplish my desire to bring to rest all those tales about wolves in general, but myself in particular."

27. _____ How large an area would the Big Bad Wolf have to scour had he followed through with his self imposed mandate [Colorado Highway Map dimensions are 14" X 20"]?

"I was always extremely cautious before entering any city or town. Before entering Castle Rock, for instance, I climbed to the very top of the tall rock for which Castle Rock has been named to survey the entire town which lie beneath me."

28. _____ How many feet in elevation does that tall, natural feature rise above the city of Castle Rock? [Calculate the difference in elevation between the survey control mark located to the immediate Northwest of this feature's base to its very top.]

"As I was attempting to sneak back into Castle Rock in the hope of making financial restitution to the fine, upstanding citizens of that community, I immediately sensed a problem. Farmers, ranchers and townsfolk were carrying all kind of potential weapons – rocks, pitchforks, pea-shooters, and even shotguns. I should've known it was me they were after, but I had a goal and I was bound and determined to follow through with it.

“Someone shouted, ‘There’s the culprit!’ and they were on me like stink on a skunk. They refused to grant me even a moment to explain that I had brought a donation of \$10,000 in cold, hard cash to contribute to their newly constructed community center.

“Apparently a little shepherd boy, bored with his duties, had shouted ‘Wolf!’” several times too often during the past several months simply to gain attention. I don’t know who finally got to his sheep, but it definitely was not me! Since I had acquired all that wealth playing the lottery, I had since made it a habit to do all my food-gathering in a local grocery store, not the neighborhood pasture!”

29. _____ State the PLSS land description for the Community Center to the nearest quarter of the quarter section.

“It’s going to be a long time before we wolves live down all those misconceptions and down-and-out lies about us. I give up! I’m packing my bags and moving to Yellowstone. From what I’ve been told, there are some people in that area who still like and appreciate us wolves.”

30. _____ Most of Yellowstone lies in the Northwest corner of the state directly North of Colorado. Consult the Colorado Highway Map to discover the name of that state.



Who's Afraid of the Big Bad Wolf?

Answer Key

USGS Quads: Castle Rock North, Sedalia. All are 7.5 Minute Colorado Quadrangles.

Highway Map: Rand-McNally, Colorado

1. Denver
 2. Pike National Forest
 3. E-9
 4. Douglas
 5. Intermittent
 6. Northwest
 7. Castle Rock South
 8. State Route 86
 9. Heavy-duty
 10. Intermediate
 11. Spot elevation
 12. 6642'
 13. 5940'
 14. 702'
 15. 4800' ± 200'
 16. 14.04 – 15.26
 17. Standard gauge single track
 18. Unimproved dirt
 19. Range: 3.6 – 3.9 km
 20. Horizontal
 21. Range: S 5°W to S 15°W
 22. 104° 52' 30" W
 23. 39° 27' 30" N
 24. The light green color
 25. The windmill had already been constructed when this map was published; the brick house had been constructed later.
 26. The clay pit Southwest of his home
 27. 104,297 square miles by calculation; 104,247 actual square miles
 28. 365 feet
 29. NE ¼ NE ¼ Sec. 2 T8S R67W
 30. Wyoming
- To purchase the USGS Quadrangles and the highway map to accompany this Road Scholar unit, visit: <http://www.otherworlds-edu.com>