

Simplified Speech #160 – Amusement parks

Episode description

Most children in the U.S. and Canada have had at least a few experiences visiting amusement parks. In this Simplified speech episode, Andrew and Kassy describe their childhood experiences going to amusement parks and theme parks. They discuss their opinions on them and offer several tips on getting the most fun out of your visit. Listen to the episode and decide for yourself whether you think these classic summertime destinations sound like fun!

Simplified Speech is the Culips series that features easy to understand conversations that help beginner and intermediate English learners improve their communication skills. We have quality study guides and transcripts available for all Culips members.

Fun fact

The tallest rollercoaster in the world is Six Flags' Kingda Ka rollercoaster. It first opened in 2005 and is 456 feet tall (almost 139 metres) at its highest point.

Expressions included in the study guide

- To not be a fan of [something]
- To pay off
- Claim to fame
- To get butterflies
- To date [oneself]
- Once in a lifetime



Transcript

Note: The words and expressions that appear in **bold text** within the transcript are discussed in more detail in the Detailed Explanations section that follows the transcript. The transcript has been edited for clarity.

Andrew: Simplified Speech episode number 160. Amusement parks, featuring Andrew and Kassy.

Kassy, it's time to get into our topic for today, which is all about amusement parks. So, why don't we kick things off by just quickly defining what an amusement park is. Kassy, when you hear this word: amusement parks, what pops into your mind?

Kassy: Popcorn, roller coasters, long lines of people, sticky cotton candy.

Andrew: All of those things, right? And I think you're a good person to talk about this topic with, Kassy, because the USA really seems to be the land of amusement parks. Like the capital of amusement parks and Disney World in Florida is the largest amusement park in the world as far as I know.

Kassy: Yeah, I've been there a few times.

Andrew: Perfect, you've been there a few times. So, Kassy, just, in general, before we get into talking about your specific amusement park visits. Are you **a fan of** amusement parks? Do you like going to them?

Kassy: I love amusement parks.

Andrew: Really? OK, this surprises me a little bit. I thought that maybe you wouldn't be an amusement park fan, but you love them. Great.

Kassy: I'm a huge fan. I think that's because of my mom. You know what's funny, she—she's **not really a big fan of** people. And there's a lot of people at amusement parks, but she loves them. She took me to them all the time when I was growing up. And I just fell in love with them too. And because she doesn't love people, my mom has so many hacks for getting the best amusement park experience.

Andrew: OK, so when you mean a *hack*, you mean like a shortcut or a tip that you can do to make your visit to the amusement park more enjoyable?

Kassy: Exactly.

Andrew: So, for example, what are some of these hacks? Can you share them with everyone? I think maybe we could use them next time we visit amusement parks too.

Kassy: Sure. So, if listeners remember, my hometown is kind of in the middle of nowhere. We've had an episode about it. But it's really close to Hershey, Pennsylvania, which has a very famous amusement park, Hershey Park. And my mom got season tickets for us so we could go as many times as we wanted in the summer, and we only had to pay that one-time fee. So, that's my first tip, if you live near an amusement park, you have kids, buy a season pass.

Andrew: Growing up in my hometown Kelowna, British Columbia, Canada, we didn't have any amusement parks, but I did live very close to a water park and my parents would do the same thing. They would buy me a season's pass and for everyone who's listening, a *season's pass* means like one pass that you can use for the entire season. So, you buy a ticket one time, and you can reuse that ticket and visit the amusement park or the water park as many times as you like. They're usually a little bit expensive, right? But usually because it costs so much money to go to a water park or an amusement park. If you visit two or three or four times in one summer, then you've **paid off** the whole amount. So, if you plan on going often, a season's pass is a pretty good discount. And yeah, I didn't have an amusement park in my hometown, but I had a water park called Wet and Wild.

Kassy: Sounds exciting.

Andrew: And same thing, I would go to the water park, it feels like I went every day, but there's no way I could have gone every day. I probably went like once a week all summer.

Kassy: Yep. So, for those of you who don't live close to a water park, my second hack, second tip, is if you're going to go a good way to save money and to avoid those crazy lines—I sound a little bit like an advertisement right now everybody, anyway—

Andrew: It's true.

Kassy: —Is a lot of parks actually have deals for morning tickets or evening tickets, especially evening tickets. So, for example, I think at Hershey Park, if you buy tickets after 5pm, you can get just an evening pass. So, that means you're only entering the park at 5pm and you can stay until closing which in the summer is usually 11 or maybe even 12. So, your hours of you know, quote unquote "play time" are limited. However, a lot of the children like the young kids leave around 5 o'clock because it's dinnertime. So, the lines are so much more reduced, and also the heat is gone because, you know, sun's going down. And the park it looks really cool at night. So, if you want to enjoy a water park, the daytime is better. But if you want to enjoy a roller coaster park like an amusement park, evening passes are a really cool thing to use.

Andrew: Wow. You know, to be honest, Kassy, I was a little bit worried about this topic because I incorrectly assumed that maybe you wouldn't be interested in going to amusement parks that you **weren't really a fan of** them. And to be honest, I'm **not really a fan of** amusement parks just, you know, the crowds, the waiting, the hot weather, the

expensive fees—all of those things, I don't really like. So, amusement parks are kind of just a big collaboration of a bunch of things I don't like. But hearing you explain the evening pass, wow, I just thought, maybe I should give that a try because that sounds a lot more fun.

Kassy: You really should.

Andrew: Yeah, like, I'd still get to ride the rides, but I wouldn't have to wait as long. Wouldn't have as many young children running around which I'm **not a big fan of**. Yeah, the night vibe could be a lot more fun. I'm gonna keep that in mind next time somebody suggests going to an amusement park.

Kassy: Exactly. And then the last tip, which is the one my mom loves, this isn't for your everyday amusement park but if you're going to the fancy ones, like—like the Disney World franchises, they have Disney World in Florida and Disneyland in California, Paris—I think Shanghai, Japan.

Andrew: Yeah, Osaka, I think there's one in Osaka.

Kassy: Yeah, her big tip is to always go—now your parents might not agree with this—off-season. So, you don't want to go in summer, and you don't want to go in December near the Christmas holidays, because those are the big fancy times where everybody's going. But you want to go in maybe like September or October, when the weather is still really nice but everybody is working or in school. So, the lines, again, are severely reduced.

Andrew: Right. So, when everybody else is in the office or at school, then you can enjoy the park when it's relatively empty.

Kassy: Exactly.

Andrew: Kassy, can you tell us about Hershey Park? I've never heard of this amusement park before. It almost sounds like Willy Wonka's Chocolate Factory or something. Hershey Park. Is it, like, chocolate focused at all because of the chocolate company Hershey chocolate? Or is it just because of the location? What's up with it?

Kassy: Yeah, so it actually has a really cool history. Milton Hershey built the town Hershey, Pennsylvania in order to, you know, run his factories and have the cow farms in the surrounding area to make the chocolate. And one way that he wanted to give back to his workers was by creating this entertainment center. So, he actually originally built Hershey Park only for his employees.

Andrew: Oh, really? So, it was like a benefit for the people that worked at the chocolate factory.

Kassy: Yes. And that still goes on to this day. I think once or twice a year, there is a time where Hershey Park workers are the only ones allowed in the park. Them and their family members. And even to this day, some perks of being a Hershey Park employee are getting free passes throughout the year.

Andrew: Interesting. That's cool. And do they have like lots of rides and roller coasters? What are some of the things that you could do there?

Kassy: Yeah, so Hershey Park is famous for their roller coasters. I think there's maybe 14 or 15 roller coasters. They come out with a new one every year or two. And they are amazing, Andrew.

Andrew: Oh, yeah?

Kassy: Yes. When you enter the park, they actually have stands where you can measure your height and they have cute little names. Like when you're a baby, you're a Hershey Kiss, so you can only ride the baby rides. But as you grow up, you'll become a Jolly Rancher and then a Twizzler and then when you're finally tall enough to ride the big kid rides, you're a Hershey bar.

Andrew: And for listeners that don't know those are all the names of candies, different candy that The Hershey Company makes.

Kassy: Exactly. And when I was finally tall enough to be a Hershey bar, I was so excited because there was this ride called the Great Bear, which is named after the Northern Star. And it has like these really cool corkscrew twists, and you go upside down at like two or three times and you have to wear one of those shoulder strap harnesses but your legs are dangling free underneath. Such a cool ride, Andrew.

Andrew: Kassy, I'm not a really big roller coaster guy. Maybe listeners can tell that I'm not super enthusiastic about amusement parks. It's really just not something that I seek out often. But there is a little amusement park in West Edmonton Mall in Edmonton, Canada. And West Edmonton Mall, its **claim to fame** is that it's the largest mall in the world, apparently. And I visited there when I was second year university student, and I went with some of my roommates. We made a little road trip and went to Edmonton and checked out the mall. And, yeah, there's so many things in this mall like, there's dolphins in the mall, like a dolphin pool. You can see them swimming around while you're shopping. There's a water park in the mall, and there's roller coasters and I remember going on one of the roller coasters at the amusement park that's built into West Edmonton Mall. But that was the last time I remember riding a roller coaster. So, that was, you know, several years ago, a long time ago, so I haven't ridden a roller coaster for a long time. It sounds like you're a **pretty big fan of** rollercoasters though Kassy, do you like that kind of thrill and adventure?

Kassy: I do. I love roller coasters. I actually rode my first roller coaster by myself when I was so young, I think seven.

Andrew: Wow.

Kassy: I went to the amusement park often with my little sister and my grandma and my sister couldn't ride alone so I had to ride alone while she rode with my grandmother. So, I started off young. I have noticed though, that in the past few years, I don't know if it's because I'm getting older but when I ride roller coasters, my stomach feels a little weird, like I've **got butterflies** in it. I don't know if it's because of the jerky movements but I do not enjoy roller coasters as much as I did when I was younger.

Andrew: Many things get a little more difficult as we age Kassy, I can definitely sympathize with that point. So, in Canada, we have the West Edmonton Mall like I mentioned, we also have a really big amusement park, Canada's biggest amusement park is in Toronto, just a little bit outside of the city. It's called Canada's Wonderland. And growing up, I didn't live in Toronto, I lived on the west coast of Canada, so I never got to visit Canada's Wonderland but I would always see it advertised on TV. And it was something that I always wanted to visit as a kid because it looks so cool in the TV commercials but unfortunately, I never got a chance to visit. Another amusement park I often saw advertised on TV was Six Flags, which is a big American theme park, amusement park company and I'm pretty sure they have several different locations. I also never got to visit Six Flags. My family never visited those theme parks when—when I was a kid. But Kassy, Six Flags is only in the States and it's just one of many different amusement parks that's famous in the States. Could you tell us about some of the most famous or the best amusement parks in your country?

Kassy: Yeah, sure. So, Six Flags is really famous, but I have never been to a Six Flags. Hershey Park is super famous on the east coast. And then Disneyland is really famous in the west coast in California. Besides Disney and Hershey and Six Flags, we also have Busch Gardens, which is more in the southeastern part of the US. And right when I was in fifth grade, I'm going to say, the Great Wolf Lodge started popping up in different places. And that was the first big indoor water park resort.

Andrew: Whoa.

Kassy: Yeah. When I was in fifth grade, my school took us on a two-day field trip to Busch Gardens and some hotel. But, unfortunately, on the way there it started pouring down rain. So, they made this decision. One parent was like "Hey, I heard there's this new really cool resort, Great Wolf Lodge. Shall we give it a try? We'll call them." So, we just, you know, went there suddenly, nobody had ever heard about it. Oh, my gosh, Andrew. This place is a kid's dream and a parent's nightmare.

Andrew: I love that, a kid's dream, and a parent's nightmare. Why is it a parent's nightmare? Very dangerous or something?

Kassy: No, no, no. It's just an enclosed water park, like, just imagine there's steam and like smelly feet smell everywhere, you know, it's very humid. And there's kids just screaming all over the inside area. However, there's a lazy river. There were like lily pads that kids could jump on like frogs across the water pools. There was like a giant jungle gym just draining water on top of you and water slides. And the ultimate thing was this ginormous bucket of water that would fill slowly for like five minutes and then finally, when it got to its tipping point, it would just come crashing down like a giant waterfall and drench the kids underneath.

Andrew: Sounds like a lot of fun.

Kassy: Yes.

Andrew: There are also many theme parks in the States. And maybe we should quickly define the difference between amusement parks and theme parks. *Amusement parks*, I think the central focus is on amusement, right? It's like roller coasters and rides and fun activities to do. But a theme park is where there is a central theme and there are many activities to do related to that theme. So, for example, I think, correct me if I'm wrong, Kassy, you'd know better than I would, there is a Harry Potter theme park somewhere in the States?

Kassy: Yeah, it's part of Universal Studios in Florida.

Andrew: OK, and then Universal Studios, as well has many different rides and attractions related to movies, right? Like there's a famous E.T. one. There's a Jaws, there's maybe Back to the Future, I think all of those. Maybe I'm **dating myself** with these references, but I remember like my friends who would visit those places growing up, you know, I had some school friends who would go on summer vacation to Florida and then they would come back, and they'd tell me about their trip to Walt Disney World and Universal Studios. And I was always a little bit jealous. So, I heard about these places, but I never visited them myself.

Kassy: Yeah, I would say these places are all quite expensive. You know, unless you're a big fan, maybe even a **once in a lifetime** experience. But I can honestly say if you can afford to go and you have kids, you would make their dreams come true. Some of the kids that I know and adults that I know their best memories are going to places like Universal Studios and Disney World. Yeah, the lines are long and it's hot, but it really is magical. I don't know, maybe I'm just a big fan.

Andrew: Final question for you here Kassy before we wrap up. You've talked a lot about going to amusement parks in your home country in the USA. But have you ever been to any amusement parks in South Korea or in Thailand? Or I know you've been to Sweden as well. Maybe you visited an amusement park in Sweden?

Kassy: I've only been to an amusement park in Korea. And what can I say? It was fun, but it was not nearly as fun as the parks I've been to in the US.

Andrew: So, we couldn't really compare the two.

Kassy: No.

Andrew: That brings us to the end of this lesson. Talk to you next time. Bye.

Detailed Explanations

To not be a fan of [something] Expression

At the start of the episode, Kassy says that she often went to amusement parks with her mom when she was a kid, even though her mom **wasn't a big fan of** people. Later, Andrew says that he **isn't a big fan of** amusement parks because of the crowds, hot weather, and expensive prices.

To not be a fan of [something] is a polite way of saying that you don't like something. With close friends or strangers, there are polite and rude ways of expressing your opinion. For example, if your friend offers you some wine but you think that wine tastes bad, it's much nicer to say, "Thanks, but I'm **not a big fan of** wine" instead of, "No thanks, I think wine is terrible." Using this expression shows that you have your own opinion, but you aren't disrespecting or judging the other person's opinion.

As you heard in the episode, you can also add adjectives or adverbs to this expression: I'm **not a huge fan of**, I'm **not really a big fan of**, I'm **usually not a fan of**, etc. These can help add more information about your opinion. For example, "I'm **usually not a fan of** country music, but I think that singer is pretty good!"

Here are a couple more examples with **to not be a fan of [something]**:

Carla: Would you like to come over tonight and watch a horror movie with me and my sister?

Jonathan: Oh, thanks for the invite, Carla, but I'm **actually not a huge fan of** horror movies. I hope you two have fun though!

Carla: Okay, I understand! I'll let you know next time we watch something that isn't so scary.

Christopher: Hey, I'm gonna make myself some coffee. Want some?

Amy: No, I'm **not the biggest fan of** coffee, but do you have any tea?

Christopher: I do! Do you want herbal or caffeinated?

Amy: Herbal would be great, thanks!

To pay off

Phrasal verb

When Andrew describes his childhood memories of amusement parks, he says that his parents used to buy him a season pass to the Wet and Wild waterpark each year. The season pass allowed him to visit the waterpark as often as he wanted all summer long. After a few visits, you could consider the cost of the season pass **paid off**.

To pay off is a phrasal verb that usually means one of two things. When used as a transitive verb (a verb that needs a direct object) it means to finish paying for something that took multiple payments. For instance, you might buy a house and hope that you will be able to **pay off** the mortgage in 30 years through multiple payments. When used as an intransitive verb (a verb that doesn't need a direct object) it means an action that gives you positive results. For example, studying every day for weeks **pays off** when you get a perfect score on your exam.

When Andrew says the cost of his season pass was **paid off** after a few visits, he means that the amount he spent on the pass was equal to the cost of the few individual entry tickets he would have had to pay during each visit. After the cost of the pass is **paid off**, it's as if you're going to the waterpark for free!

Here are a couple more examples with **to pay off**:

Jessica: I have great news!

David: Oh! What is it?

Jessica: I finally finished **paying off** my student loans!

David: Congratulations! You must feel proud of yourself. Let's go celebrate!

Zachary: You know, I think those obedience classes I've been taking my dog to are beginning to **pay off**.

Teresa: Really? How so?

Zachary: He used to only listen to me if I had a treat in my hand, but now he's responding to my commands much more often. I told him to sit before I put on his leash for our walk this morning and he did it right away!

Teresa: Awesome! Training your dog can take a lot of work, but I'm glad that it's **paying off** in the end.

Claim to fame Phrase

When talking about his past amusement park experiences, Andrew says that there's a mall with an amusement park in Edmonton, Canada whose **claim to fame** is that it's the largest mall in the world. **Claim to fame** is a phrase that refers to the main reason something is famous or well-known. For example, a lawyer's **claim to fame** could be working for a celebrity in a very publicized case. The **claim to fame** of the city Grand Rapids, Minnesota is that it's the birthplace of famous Hollywood star Judy Garland.

A **claim to fame** cannot just be an interesting or important fact about something. Something's **claim to fame** has to refer to the main reason it is well-known. For example, an interesting fact about Australian actor Heath Ledger is that he was an accomplished chess player. However, his **claim to fame** wasn't his chess-playing abilities—it was his role as the Joker in the 2008 film *The Dark Knight*.

One more important thing to note is that the phrase **claim to fame** should be used in the possessive form. For example: his **claim to fame**, the actor's **claim to fame**, the **claim to fame** of the actor, etc.

Here are a couple more examples with **claim to fame**:

Teacher: Now, students. Have any of you heard of the name Thomas Edison before?

Rosanne: I have!

Teacher: Excellent! Rosanne, could you tell the class what his **claim to fame** was?

Rosanne: He invented the lightbulb, right?

Teacher: Yes! Very good, Rosanne. Thomas Edison is best known for his inventions, especially the incandescent lightbulb, which he invented in 1879.

While driving on the highway

Harry: Look! There's a sign that says, "World's Largest Paper Cup."

Nancy: Wow, imagine if your town's **claim to fame** was having the world's largest paper cup. How boring!

Harry: Come on, it might be cool. Let's take the next exit and check it out!

Nancy: Okay, fine.

To get butterflies

Expression

In this episode, Kassy says that she really loves riding rollercoasters. However, she has recently started to feel like she **gets butterflies** in her stomach when she rides them.

To get butterflies means that you get a tingling sensation in your stomach because you are very nervous or excited. People often **get butterflies** before a first date, an important job interview, performing on a stage, or riding a scary-looking rollercoaster. You can also use the verbs “have” or “feel” instead of “get” when talking about this feeling.

In some situations, **getting butterflies** is an uncomfortable and unpleasant feeling, but it can also feel thrilling. You can use this expression in a positive way or a negative way, but it's never the right phrase for when you are feeling calm and composed.

Here are a couple more examples with **to get butterflies**:

Becky: Hey, how'd your presentation go?

Matt: Oh my god, I was so nervous. I **felt butterflies** in my stomach the whole time I was talking. I hope no one noticed how much I was sweating...

Becky: I'm sure no one noticed the sweat! I know what you mean, though. Public speaking can be terrifying.

Matt: Seriously.

Janice: Oh, there he is! That's the cute barista I was talking about!

George: Yeah, he's just your type. Look, he just smiled at you! Why don't you try asking him out?

Janice: No way. I'm too nervous.

George: Come on, Janice! Just give him your number! The worst he could do is not call you.

Janice: Okay... okay! I'll do it. Wow, I've **got really bad butterflies** in my stomach... okay, I'm gonna go talk to him.

George: You can do this!

To date [oneself] Expression

To date [oneself] is an expression used to show that you're getting older by making a reference to something that isn't relevant or popular anymore. You could also **date yourself** by revealing an experience you've had that someone younger wouldn't have had. For example, when your aunt tells you about seeing The Beatles live in concert, she's **dating herself**. You also might **date yourself** by quoting a TV show that hasn't been popular in decades.

After explaining what the difference between an amusement park and a theme park is, Andrew describes a theme park called Universal Studios. He says it's a theme park with rides based on famous movies such as E.T., Jaws, and Back to the Future. Then, Andrew admits that he's probably **dating himself** by making references to such old movies.

You can also use this expression about yourself when you know you're going to say something outdated. This is how Andrew used it in this episode: "Maybe I'm **dating myself** with these references but..."

Here are a couple more examples with **to date [oneself]**:

Tommy: Mom, what was your favorite band when you were my age?

Laura: Hmm, good question... okay, I'm definitely **dating myself** here, but I loved listening to Jefferson Airplane when I was in high school.

Tommy: Who is that? I've never even heard of them.

Laura: I'll play them for you sometime.

Beth: That last scene of the movie reminded me of seeing Texas Chainsaw Massacre when it came out in theaters. The audience reacted in the same way.

Vincent: You saw Texas Chainsaw Massacre when it came out in theaters? Didn't that come out like fifty years ago?

Beth: You're right! It was almost fifty years ago. I guess I'm **dating myself** with that reference.

Vincent: No, that's so cool! I wish I'd been around to see that movie when it first came out. That's a classic horror film.

Once in a lifetime Phrase

At the end of the episode, Andrew and Kassy talk about how expensive theme parks like Universal Studios and Walt Disney World can be. Kassy says that for some people, going to these parks is a **once in a lifetime** experience.

The expression **once in a lifetime** is used to describe an event, experience, or opportunity that is not likely to happen more than once. This could be because of price, rarity, or luck. In the episode, Kassy is saying that because these theme parks are so expensive, you would probably only visit them once unless you're a huge fan of theme parks. In this way, it's a **once in a lifetime** experience.

Another example of a **once in a lifetime** experience might be seeing your favorite band live on their final tour before retiring. Since they won't be playing any more shows after they retire, the last chance to see them perform is a **once in a lifetime** opportunity.

This phrase can also be used as an adverb. For example, you could say that meeting the president of the United States is an opportunity that only comes **once in a lifetime**.

Here are a couple more examples with **once in a lifetime**:

Juliet: Did you see that Paul McCartney is coming to play a show in our city?

Sam: Really? I wouldn't expect him to come to a small town like ours! Do you want to go?

Juliet: I think we should. He's getting older and I don't think he's ever played in this part of the country before. It might be a **once in a lifetime** opportunity.

Sam: Okay, let's do it!

Monica: Christopher, are you ready for your interview tomorrow? How has your preparation been going?

Christopher: Fine. Mom, don't stress about it so much. I'm just gonna try my best. I don't think I need to prepare that much.

Monica: Are you kidding? You've got a one-on-one interview with the Dean of Admissions at Harvard. This is a **once in a lifetime** chance for you to show your strengths. Don't take it lightly.

Christopher: Okay, okay. I'll do some more interview prep after dinner.

Quiz

1. A musician's "claim to fame" is...

- a) Why the musician will never be famous
- b) The reason they are famous
- c) Why their record label thinks their famous
- d) The reason they stopped being famous

2. Which of the following best fits the definition of a "once in a lifetime opportunity"?

- a) Seeing a local band play a live show
- b) Volunteering at an animal shelter
- c) Going to a dinner party at a billionaire's house
- d) Trying a new restaurant in town

3. If your brother said that studying for his final exams "paid off," he means that...

- a) He bribed the teacher to give him a passing grade
- b) He failed the exams
- c) He overslept and missed the exams
- d) He got a good grade on his exams

4. Which is a good example of "dating oneself"?

- a) Referencing an old, unpopular movie
- b) Going out to dinner alone
- c) Using modern slang expressions
- d) Buying a used smartphone

5. Which of the following is NOT a time when people "get butterflies"?

- a) Giving a presentation
- b) Asking someone out on a date
- c) Standing in line to enter a haunted house
- d) Drinking herbal tea and lying down for a nap

Writing and Discussion Questions

1. Have you ever been to an amusement park or a theme park? Describe.
2. Are you more of an introvert or an extrovert? Do you enjoy being in crowds and in public with strangers or would you rather be at home with close friends or family?
3. What are your favorite things about amusement parks? What are your least favorite things about amusement parks? If you've never been to one, what do you imagine it would be like?
4. Describe the most exciting thing to do in your hometown during the summertime. Do you have any tips or suggestions for enjoying that activity?
5. Please describe a time in your life where you got butterflies. Why did you feel nervous/excited in that moment?

Quiz Answers

1.b 2.c 3.d 4.a 5.d

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