

question	answer	page
Who is the author of The Care and Feeding of a Pet Black Hole?	Michelle Cuevas	cover
Why did Stella Rodriguez try to get into NASA when she was eleven?	She wanted to speak with Carl Sagan.	vi
What was the Voyager launch date?	20-Aug-77	3
What happened after Stella got onto the bus to go home from NASA?	People on the bus suddenly discovered they were missing things.	3
What was the name of Stella's 5 year old brother?	Cosmo	5
What did Stella stop doing because it was a father-daughter thing, and it made her sad to do it alone?	Look at the sky through her telescope.	6
What wish did Stella make when a raindrop slid down the glass of her window?	That she could make everything awful disappear.	6
What did Stella find hiding under the box that she thought at first was a kitty?	A blob of darkness	8
What happened when Stella threw her flashlight at the blob of darkness?	The flashlight disappeared into it.	9
What happened after Stella invited the darkness into her room?	It started swallowing everything.	11
What did Stella think the darkness's eyes looked like?	galaxies	11
What book did Stella have that discussed black holes?	A book on theoretical astronomy	13
How do black holes form?	When a massive star dies and collapses into itself, creating a hole that sucks everything into itself, even light.	13

Why had Stella's mom called her Bug since she was a little girl?	She asked for a bug collecting kit	13
What did Cosmo call his bathtub?	His ship called The Clawfoot	14
What kind of doll did Cosmo love to play with?	Storm Neptunian	14
Why did Stella give Cosmo an angry look when he mentioned that Stella always told their Dad she wanted to work at NASA?	She wouldn't allow them to talk about their Dad because it made her too sad.	16
What did Carl Sagan create to put on board the Voyager to be sent into space?	The Voyager Golden Record with all the wonderful sounds of Earth.	17
What animals sounds did Stella describe as haunting and soothing?	Whale songs	17
What was the only pet Stella had ever owned before the black hole?	A fly	19
For how long did Stella have a fly as a pet when she was six years old?	Two hours	20
What did Stella name her black hole?	Larry	20
What was the name 'Larry' short for, meaning the place of infinite gravity at the heart of a black hole?	singularity	20
What three books did the librarian find for Stella to help her with her pet?	The Good Dog University, The Art of Raising a Happy Puppy, and Perfect Puppy in Seven Days	23
What is it called when you give a reward to a person or animal that does what you want it to do?	Positive reinforcement	23

What was the name of Stella's class pet hamster that she had to take care of during the school vacation?	Stinky Stu	23
Why did Stella have to go and buy a replacement hamster?	Larry, the black hole, ate the class pet hamster.	24
Why was Larry desperate to cuddle the new hamster?	He had never been touched or hugged and he wanted something to love.	25
What clubs did Stella's mom belong to?	Knitting, r recipes, falconry, and sport fishing	26
Where did Larry sleep at night in Stella's room?	At the foot of her bed.	27
What did Stella show to Larry that she and her dad had used to decorate her room?	Glow-in-the-dark star stickers	29
What were five of the constellations Stella and her dad created in her room?	Ice-Cream Conius, High-Five Major, Low-Five Minor, Stickum Figurius, and Brontosaurus Borealis	29
What was Stella's favorite constellation that she and her dad had created in her room?	Time Traveler	30
At what speed does light travel?	670 million miles per hour	30
What is the name of the star that is closest to Earth?	Proxima Centauri	30
How far away is Proxima Centauri from Earth?	4.24 light years away	30
In what constellation is the star, Deneb?	Cygnus	30
How far away is the Cygnus constellation?	Almost 3,000 light years away	31
Why did Stella think it was dumb for people to make wishes on shooting stars?	The stars might not even exist by the time their light reaches Earth and people see them and make wishes on them.	31

What sounds were included on the Voyager Golden Record?	Music of the Spheres, volcanoes, earthquake, thunder, wind, rain, surf, crickets, frogs, birds, hyena, elephant, chimpanzee, wild dog, fire, speech, tractor, horse, train, auto, bus, kiss, mother and child, footsteps, heartbeat, laughter	33
What did Stella record that she wanted to ask Carl Sagan to put on the Voyager Golden Record?	Her dad's laughter	33
How do you organize a space party?	You planet.	35
Where do geneticists like to swim?	In the gene pool	35
What do they say about the new book about anti-gravity?	It's impossible to put down.	35
How do you think like a proton?	You stay positive	35
Why are chemists great at solving problems?	They have all the solutions.	35
Why can you never trust atoms?	Because they make up everything.	35
What was the most difficult command to teach Larry?	To stay	37
What photo of Stella's dad did Larry swallow?	The photo of him holding the telescope Stella had chosen for his birthday.	38
Why did Larry run away from Stella?	She yelled at him for eating the photo of her dad.	38
What kind of hat did Sherlock Holmes wear?	A deerstalker hat	40
How did Cosmo feel about sea lions?	He thought they were very judgmental.	42
How many garden gnomes did Mrs. Nimbus have on her front lawn?	One hundred forty-seven	42

Who were Blimphy, Dafoodle, Fudgewick, Loopglynn, Zoomwinkle, Nickelbells and Pimpert?	Mrs. Nimbus's garden gnomes	43
Why were Mrs. Nimbus's garden gnomes so important to her?	The collected them while traveling with her husband before he died.	43
What did Stella consider to be her superpower she developed after he dad got sick?	She was able to see and empathize with people -for example, realizing that Mrs. Nimbus wasn't crazy---she just really missed her husband.	43
What did Larry do at each house down Stella's street?	He swallowed every mailbox	44
When did Stella miss her dad the most?	When something good happened and she wasn't able to run home and tell him.	49
What did Stella see swarming around a photo booth outside the arcade?	hummingbirds	51
What did Stella notice about Larry when she found him inside the photo booth?	He had grown a lot	54
What did Stella compare to wearing a haunted house?	Wearing one of the sweaters her Aunt Celeste made for her.	54
What did Stella do so she wouldn't have to ever wear a sweater made by her Aunt Celeste again?	She fed them all to Larry.	55
What food did Stella feed to Larry because she hated them?	Brussels sprouts	59
What things did Stella feed to Larry to get rid of them?	The trash, her summer reading assignments, her diary, and Storm Neptunian.	59
What musical group did Cosmo like to listen to?	The Fuzzles	60
What Fuzzles song was about a broken elevator?	Stairway to Seven	60

What Fuzzles song was about a gossiping cow?	Heart it Through the Bovine	60
What Fuzzles song was about zombies caught without umbrellas?	Raindrops Keep Falling on my Undead	60
What things did Stella own that made her feel like she had a hole in her chest, so she fed them to Larry?	The rock polisher, the headlamp used for night exploring, the chemistry set and cracked beaker, a poster they made of the periodic table, her bug collection, a model of the human brain, a book about astronauts, her dad's red hat with NASA printed on the front, and their make-believe planet.	62
What happened to Stella and her dad in 1975?	The Great Beaker Explosion Incident that happened when they were trying to make a volcano in a beaker.	62
What was the science club at Stella's school called?	The Test Tubes	62
What was the name of the planet Stella and her dad created?	Stellarium	62
How did Stella get Larry to eat the recording of her dad's laughter?	By putting it into her new left shoe	64
Why did Stella feed Larry all the things that reminded her of her dad?	So she wouldn't feel anything anymore.	64
What surprised Stella when she touched her chin after feeding Larry all the moments of her dad?	The moon-shaped scar she had from the Great Beaker Explosion Incident of 1975 was gone.	64
What changed about Stella's mom and the way she treated her after Stella fed all her mementos to Larry?	Her mom didn't call her Bug anymore, she just called her Stella.	67

What did Stella's mom buy for Stella and Cosmo after seeing Stella's library books?	A dog	70
Why wasn't Stella happy and excited about her mom giving her a dog?	She was worried that Larry would eat it.	70
What name did Stella give to the dog her mom gave her?	No name	71
How did the new dog help Stella with Larry?	When Stella trained the dog, Larry copied everything and learned the commands.	73
What three things did Stella believe a superhero needed?	A ridiculous name, an alter ego, and underpants on the outside of their clothing.	74
Who was the president of the Test Tubes club?	Tony Luna	76
Why was Tony Luna surprised when Stella Rodriguez called him?	She had never come to a Test Tubes meeting before.	76
How did Cosmo change after Stella fed all the mementos to Larry?	He didn't play in the bath anymore or act funny.	79
How did No Name end up being swallowed by Larry?	Stella was playing fetch with No Name and the ball went into Larry and No Name followed the ball in.	80
Why did Larry smell Stella's flowers?	He tried to sneeze out the dog, No Name.	81
What is the edge of a black hole called?	The Event Horizon	84
What is the process of your body stretching out when you cross the Event Horizon called?	Spaghettification or the noodle effect	84
What did Stella use to make a rope to attach her to the foot of their claw foot bathtub while she went into Larry?	Bed sheets	93

What did Cosmo call walkie talkies?	Wonky tonkys	99
What did Stella bring with her in a backpack when she went into Larry, the black hole?	A flashlight, a rope, snacks, a bear whistle, a compass, a watch, and a notebook and pen.	100
What things did Stella NOT bring with her into the black hole?	Bravery, a map, a clue about where she was, a way out	100
What book did Stella's dad used to read to her before bed?	Alice in Wonderland	100
How did Cosmo get inside Larry, the black hole?	The bath tub he was sitting in got pulled in.	106
What happened when Stella asked Larry to swallow some lamps?	He swallowed stamps instead.	108
What song did Stella and Cosmo hear playing inside Larry?	Fartbreak Hotel	113
What caused the nasty smell inside Larry?	The class pet hamster had grown into a huge monster hamster and still stunk.	114
What kind of food did Stinky Stu love to eat?	Sunflower seeds and cheese	115
What happened when Stella asked Larry to swallow some cheese?	He swallowed bees.	116
What were the first signs Stella and Cosmo saw inside Larry that meant the dog, No Name, was near?	A floating baseball, a floating slipper, and a floating newspaper	117
Who ate all the emergency trail mix?	Stinky Stu	119
What did Stella and Cosmo eat to stay alive while lost inside Larry?	Brussels sprouts	119

What language did Stella and Cosmo try to decipher while inside Larry?	Hamster Tongue	120
Why did Stinky Stu stink so bad?	It was his burps	120
What were the two reasons Stella had to give up her Captain's Log?	She ran out of paper, and Stinky Stu ate her pen.	122
What did Stella and Cosmo find inside the UFO made of trash inside of Larry?	Gnomes and Storm Neptunian	127
What did ALL the garden gnomes say their name was?	White Beard	129
What kind of gnomes did Storm Neptunian say they were?	Gardening space pirate gnomes	129
What was the name of the leader of the gnomes?	Whitest Beard	129
What did the dog, No Name, do to the gnomes when she found them inside Larry?	She peed on them.	131
What did Stella realize home was?	Something sought after, found, held close, used, well-worn, and familiar	134
What did Storm Neptunian do when Stella and Cosmo grabbed him to take him with them into the tub?	He sounded the Scuba Team Alarm on his suit and yelled that he was being gnome napped.	136
How did Stella, Cosmo, and Storm Neptunian get away from the gnomes?	Stella fed Stinky Stu Brussel sprouts until he burped so big it pushed them away from the trash-UFO	138
What was HOME for Storm Neptunian?	Cosmo - his truest companion	139
What was strange about the safari animals on the planet Stellarium?	They were two dimensional - flat.	142
What was the river on planet Stellarium made of?	Old book pages.	142

How did the River of Words come about?	Stella wrote a story and hated it, and wanted to throw it out, but her dad said they should cut up the words and make a river out of them.	143
What did Stella's dad say the river of words could be used for?	A person could go fishing for new ideas and whole new sentences.	143
Why did Stella name the lake on Stellarium, the Lake of No Fish?	She hated fish	146
What was on the south side of the planet Stellarium?	The Volcano Pequeno	146
What did Stella's dad decide they should put at the top of Volcano Pequeno?	An observatory to look at stars	147
What was the place on planet Stellarium called where you could laugh and the laugh would echo on forever?	Hills of Hysteria	147
Who claimed the planet Stellarium to be their own?	The Tribe of Sweaters	149
Who did the Tribe of Sweaters worship?	The Great Stella	149
What did the Tribe of Sweaters do every day when the conch shell horn sounded?	They read from The Book of Stella (Stella's blue diary)	150
What did Stella Rodriguez write in her diary on May 10, 1976?	I, Stella Rodriguez, am officially in love (with Tony Luna)	151
What did Stella have to do in order to prove to the Tribe of Sweaters that she was the Stella?	Tell them what the last passage in her diary said.	155
What was Stella trying to remember about their dad when she wrote the last entry in her diary?	If he had a moon-shaped birthmark on his right and or left hand.	155

What list did Stella make in her diary in the last entry?	A list of all the things she could remember about her dad.	155
How did Stella's dad cook?	Everything he cooked was a little burnt.	156
What did Stella's dad call her that she missed?	kiddo	156
What did Stella's dad say when she sat in front of the TV and blocked his view?	Have you been drinking muddy water?	146
What word means the point where some property is infinite?	singularity	157
What did the Tribe of Sweaters get Stella to do that her mom, brother, and school therapist hadn't been able to do?	Admit that her dad was really gone.	159
What did Stella and her dad attach to the tree branch stuck in the north part of the planet Stellarium?	A star	159
What does the word stella mean?	star	160
What game did Stella and Cosmo play while they were inside Larry?	Brussels sprouts checkers	160
Why did Cosmo get really upset when he lowered himself down to planet Stellarium?	He found the pictures he drew and gave to Stella, and he knew she fed the things she hated to Larry.	163
What picture, drawn by Cosmo, did Stella think looked like a giraffe kissing an angry llama in a pool of macaroni and cheese?	A picture of himself and Storm Neptunian	163
What picture, drawn by Cosmo, did Stella think looked like a hamburger on a Ferris wheel?	Stu, the hamster, on his wheel in his cage.	164

What picture, drawn by Cosmo, did Stella think looked like two Bigfoots having a laser gun fight?	Their mom and Aunt Celeste wearing sweaters and having tea.	164
What did Cosmo draw Stella doing that she never had done in real life?	Playing soccer with him.	164
What did Stella's and Cosmo's dad once do on a dare when he was about five years old?	He ate a dog bone	165
How did Stella's and Cosmo's parents meet?	They were in a movie theatre sitting next to each other, and she fell asleep with her head on his shoulder.	165
What was Cosmo's and their dad's favorite animal?	A baby duck	165
What did Cosmo's dad tell him he could do when he was sixteen?	Change his name to Ralph - his favorite name.	165
What did Cosmo and his dad sometimes do together when Stella wasn't around, but he did it with Stella too when no one was around?	Eat cookie dough	165
Why didn't Stella give the dog a real name?	She would start to care about her and then she worried that something bad would happen to her and she would lose her.	170
What did Stella finally decide to name their dog?	Sagan	170
What happened when Cosmo pushed 'play' on Stella's tape recorder?	The door to their own house appeared.	172
What are the portals called that get someone from one place in the universe to another?	wormholes	173

What did Cosmo notice in their kitchen when he and Stella went in through the wormhole?	It was their old wallpaper with vegetables on it--the wallpaper they had before their dad got sick.	176
What did the new kitchen wallpaper look like that Stella and Cosmos' mom bought because it made her laugh?	Kitchen utensils like spoons and forks.	176
How do people often divide their lives if something bad happens?	Into the Before and the After	176
What did Stella see that no one else could see when Cosmo played the tape in the Before kitchen?	Her father sitting there, telling jokes	179
What did Stella expect her dad to say when she stopped him in the middle of the memory of him telling her jokes at the kitchen table?	She thought he would just say the same thing he had said originally.	180
What did Stella say to her dad which was the truest thing she could think of?	That she missed him and missed talking with him.	180
How did Stella's dad compare himself to the constellations?	He said that even if a star dies, its light is still visible and the constellation it was part of remains, so a thing could be gone but still be your guide.	180
What did Stella realize Cosmo was right about in regard to the Voyager Golden Record?	It should include sad things as well as happy things because the story of Earth included all of it.	184
What did Stella decide to do with two hamsters--Stinky Stu and the new hamster she bought as a replacement class pet?	She kept Stinky Stu at home and brought New Stu to school.	186
How long did Stella's and Cosmo's entire adventure inside the black hole take?	Twenty minutes	187

What kind of flower did Stella once look inside of and see what looked like a tiny galaxy?	A tulip	189
What large object disappeared from the Rodriguez' family home and never reappeared after the adventure inside the black hole?	The claw-foot bathtub	189
What did the woman at NASA promise Stella they would do?	Launch Larry back to space where he really belonged.	192
What did Stella tell Larry about how he helped her?	Instead of being a black hole, he was a wormhole that brought her home.	194
How did the sound of Stella and her dad laughing finally get launched into space?	The recording was inside Larry, so it went into space along with him when NASA launched him.	195
What did Stella warn people about throwing problems into a black hole?	Once inside the black hole, problems would morph, grow, and become uncontrollable; also, when you throw out bad things you might accidentally throw out good things too.	201