*The Miscaluations of Lightning Girl* by Stacey McAulty

15 questions from which to pick, each worth 2 points

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|  | Question | Answer | Page |
| 1 | List 2 interesting mathematical skills that Lucy has beyond addition, subtraction, multiplication and division | Choose from:  Do calendar maths  See numbers with colour and shape  Finding patterns in stock market and shopping  Number memory ability | pp. 4-5 |
| 2 | With what condition is Lucy diagnosed and why is her brain responding to the lightning strike in this manner? | Acquired Savant Syndrome  Her brain was damaged with part of her left lobe being turned off and the right lobe working overtime. | p. 3 |
| 3 | What is Lucy’s favourite mathematical constant? To what decimal place can she recite this constant? | Pi is her favourite mathematical constant  She can recite it to 314 decimal places | p. 5 |
| 4 | Lucy’s grandmother enrols her in middle school even though she could enrol in college.  What goal does she set for Lucy attending school? | In one year, she is to make one friend, participate in one activity and read one book not written by an economist or a mathematician | p. 25 |
| 5 | Lucy walks into room 213 and falls in love. Why does she feel this way? Provide 2 examples of items in the room which influence her feelings. | It has posters, banners and quotes related to mathematics  Choose from:  Banner of Pi to the 28th place  Posters with equations  Poster with the Fibonacci sequence  Funny posters about Maths, fractions and showing your work | p. 34 |
| 6 | What is Lucy’s other obsession and what does she do to keep safe and well?  Provide 2 examples | Lucy is very worried about germs and cleanliness.  Choose from:  She always carries wipes and hand sanitiser  she avoids touching other people,  she cleans toilet seats before using them  cleans faucet handles  She washes her hands for a minimum of 2 minutes. | p. 36 |
| 7 | What advice did Lucy’s Uncle Paul give her to fit in at school?  How does she enact this advice in the not-a-test? | Fake it until you make it  Answers the not-a-test with incorrect answers to hide her ability | p. 47  p. 59 |
| 8 | Lucy sees a psychologist to seek assistance with her obsessive-compulsive disorder. What would treatment involve and why did Lucy refuse to return to the psychologist for treatment? | Mild medication and gradual exposure to triggers would be part of the treatment  The psychologist told her that the digits of pi would also disappear, and she was not prepared to lose her knowledge of numbers | p. 70 |
| 9 | What is Lucy’s magic formula for controlling the “alien invasion in her head”? | Sit three times, tap your foot three times | p. 71 |
| 10 | What does Lucy need to do before reading a passage from a book? How does her language arts teacher help her to be prepared to read aloud? | She needs to count the words on the page and the number of letters in the words.  Her teacher gives her a copy of the text to read before class so that she can be prepared. | p. 80    p. 84 |
| 11 | Levi submits photographs to a web page called *ArtBoom*. What are the names of the five folders for his work? In which folders does Lucy feature? | Bored, curious, angry, hurt, peaceful  Lucy features in curious and angry | p. 113 all 5 for 1 point  both for 1 point |
| 12 | What are the signs that the dog which has been surrendered to the animal shelter needs to be kept according to Lucy? | The name – Cutie Pi  Black spots on his back in the shape of a lightning bolt | p. 128 |
| 13 | Apart from data entry for Pet Hut, what does Levi suggest that the group can do to help promote adoption of dogs? | Work on the web page with blog posts (feature articles) and photos promoting the dogs that need a home. | p. 151 |
| 14 | Lucy, Levi and Windy have a conversation about the type of dog breed which best represents their personalities. What breeds do they assign to each person and why? | Lucy – Chihuahua – nervous and takes a while to trust someone  Levi – golden retriever – very trustworthy  Windy – a mutt – friendly and unique | p. 184 |
| 15 | Lucy has been interacting on the *MathWhizz* webpage for 4 years and she has never asked for help. Why does she think that she cannot ask for help? | Geniuses don’t ask for help | p. 270 |