**Choose the letter of the correct answer. If the correct answer is not there, choose E) NOTA (none of these answers). You have one hour to complete this test. Correct answers are worth 5 points, answers left blank are worth one point, and incorrect answers are worth no points.**

1. LinRod and IzzBiz are trying to trade candies. LinRod starts with 2 HiChews and 5 lemon drops and IzzBiz has 3 White Rabbits and 4 Vegan Tea Drops. If LinRod can trade one HiChew for 2 Vegan Tea Drops and she wants to trade all her HiChews, how many Vegan Tea Drops can she get from IzzBiz?
2. ** B.) 1 C.) 2 D.) 4 E.) NOTA**
3. It just so happens that Gary Eric’s birthday is on Halloween! His 5 best friends from Florida all want to pitch in to get him a tie set. If JBay and Hokey donate $4.52 each and LinRod, YiYi, and IzzBiz all pitch in $5.94 each, how much do they have in total?
4. **$10.46 B.) $22.60 C.) $25.44 D.) $26.86 E.) NOTA**
5. YiYi and JBay are trying to plan their costumes. YiYi is going to be Sherlock Holmes and JBay will be Watson. If Sherlock is 1 foot taller than Watson, and YiYi is only 4 inches taller than JBay, how tall do YiYi’s stilts need to be in order to be accurate to the characters?

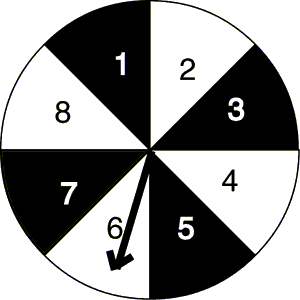
**A.) 6 inches B.) 8 inches C.) 10 inches D.) 12 inches E.) NOTA**

1. LinRod and IzzBiz can’t decide whether they’re going to dress up as Sakura Nagashi or water. They roll a standard 6 sided die, and if it lands on an even number they’ll dress up as water, if it lands on an odd number they’ll dress up as Sakura Nagashi. What is the probability they’ll dress up as Sakura Nagashi?
2. **25% B.)  C.) 50% D.)  E.) NOTA**
3. MinJia Spirit of the Swift and Priti are both going to dress up as princesses, but can’t decide which crown to wear. If Gold crown is a circle with radius 3 inches and Blue crown is a square with side length 3 inches, and they want to wear the bigger crown, which crown will they wear and what area in inches squared will it have?
4. **Blue; 9 B.) Blue; 9π C.) Gold; 9 D.) Gold; 9π E.) NOTA**

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1. Trick-or-treating can be dangerous! For every 2 times someone gets in the middle of the road, granny Kay will tell them to get out 5 times. If IzzBiz gets in the road 6 times, how many times will granny Kay tell him to get out?
2. **15 B.) 9 C.) 6 D.) 3 E. NOTA**
3. IzzBiz might not fit into his costume! He consults dieting wizard Pilot for advice. Pilot tells him that he needs to lose pounds. How many pounds does IzzBiz need to lose?

**A.) 1 B.) 2 C.) 3 D.) 4 E.) NOTA**

1. Gary Eric is teaching YiYi how to beat box by rewarding her with candy corn each day. After the course of a week she’s earned 4, 6, 2, 14, 25, 5, and 7 pieces of candy. What is the average number of pieces of candy corn she earned per day?
2. **56 B.) 9 C.) 7 D.) 6 E.) NOTA**
3. Woosil Moosil is a pumpkin patch player! He can carve 11 jack-o-lanterns on Sunday, 13 on Monday, 15 on Tuesday, and 17 on Wednesday. If he continues at this rate, how many jack-o-lanterns TOTAL will he have carved by Saturday that week?
4. **119 B.) 117 C.) 115 D.) 113 E.) NOTA**
5. It takes Coxswain Adi 1.2 hours, 16 minutes, and 180 seconds to eat all her Halloween candy. How many minutes does it take Coxswain Adi to eat all her candy?
6. **46 B.) 90 C.) 109 D.) 197.2 E.) NOTA**
7. Jerffy is trying to win a pumpkin pie. He only gets it if he spins a factor of 24. How many factors of 24 are on the wheel?
8. **5 B.) 6 C.) 7 D.) 8 E.) NOTA**
9. Pallison won’t let Ferhurr be in her Halloween music video unless he can guess her number. Her number is between 17 and 25, prime, and the digits add up to less than 6. What is Pallison’s number?
10. **19 B.) 21 C.) 23 D.) 25 E.)NOTA**
11. Sisi, Ferhurr, Columbia, and Stevie want to go trick-or-treating with the homies but only the one with the highest amount of candy can come along. If Sisi has 3.4 piece(s), Ferhurr has 2/3 piece(s), Columbia has piece(s), and Stevie has  piece(s), who gets to go trick-or-treating with the homies?
12. **Steve B.) Sisi C.) Ferhurr D.) Columbia E.) NOTA**
13. Sophietje is skinny but has a big appetite! She eats 8 bars of dark chocolate. How many bars of dark chocolate does she eat as an improper fraction?
14. ** B.)  C.)  D.)  E.) NOTA**
15. Ferhurr wants to dress up as an arti-choke, but doesn’t know what shape most resembles it. In the end he chooses a shape whose angles add up to 180˚. What shape did he choose?
16. **Circle B.) Rectangle C.) Square D.) Triangle E.) NOTA**
17. Yun and A-aron are trying to escape the haunted house by showing the ghost a magic trick. Yun thinks of the number 371.151492 and A-aron thinks of the number 426.952361. Magically, only one of the digits is in the same place. In which place is the digit?
18. **Hundreds B.) Hundredths C.) Tenths D.) Thousandths E.) NOTA**
19. Karen wants to be friends with Boss Tweed in the haunted house. If the haunted house is a rectangle with length of 23 feet and width of 19 feet, and Karen has to walk the perimeter of the haunted house to gain Boss tweed’s friend ship, how far, in feet, does Karen have to walk?
20. **437 B.) 84 C.) 42 D.) 21 E.) NOTA**
21. Mr. Jacob is trying to scare away witches. He has 2876 scary points and it takes 7 scare points to scare away one witch. Assuming there are an infinite amount of witches and he scares away as many of them as he can before running away, how many scare points does he have left over once he runs away?
22. **4 B.) 5 C.) 6 D.) 7 E.) NOTA**
23. Ashley Pho is hugging people for candy. If she receives Twix, Reese’s, Kit Kat, M&Ms, Twix, Reese’s, Kit Kat, M&Ms, etc what will be the 37th piece of candy she receives if this pattern continues?
24. **Twix B.) Reese’s C.) Kit Kat D.) M&Ms E.) NOTA**
25. Ms.Hong wants to look perfect for Halloween so she sets aside 43 days to get ready (including Halloween day). Assuming that you know Halloween is October 31st, on what day does Ms.Hong start getting ready?
26. **Sept. 16th B.) Sept. 17th C.) Sept. 18th D.) Sept. 19th E.) NOTA**
27. Coll Ball, Izz Biz, Jerffy, and two witches say goodbye after trick-or-treating, so they all shake hands once. How many different handshakes take palce?
28. **5 B.) 7 C.) 10 D.) 20 E.)NOTA**
29. LinRod, IzzBiz, JBay, and YiYi have pooled their candy together and average 11 pieces of candy per person. Jerffy comes along and adds his candy to the pile and now each person has an average of 12 pieces of candy. How many pieces of candy did Jerffy add to the pile?

**A.)12 B.) 13 C.) 15 D.) 16 E.)NOTA**

1. Kangaroo is stacking his giant chocolate bars in a pile that has a volume of 782 in3. If all the chocolate bars are the same size and the area of one chocolate bar is 17 in2, then what is the height of the chocolate stack in inches?
2. **11 B.) 17 C.) 46 D.) 765 E.) NOTA**
3. Jessay and Gimchi are having trouble doing their math homework because of the sugar headache they got from all the candy. Reduce the following to simplest form for them:
4. ** B.)  C.)  D.)  E.) NOTA**

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1. Daddie promised all the little kiddies cupcakes for Halloween but never delivered! As revenge, the little kiddies gave Daddie this question:

Which of the following is/are false?

1. 0 is an integer
2. 51, 61, and 71 are prime numbers
3. 33 is 27
4. A nonagon has 9 sides
5. **I only B.) I, IV C.) I, II, IV D.) None are false E.) NOTA**
6. Sabrina if trying to choose 1 piece of chocolate and 1 piece of fruity candy. If there are 4 chocolates she can choose from and 3 fruity candies she can choose from, how many different kinds of candy combinations can she have?
7. **3 B.) 4 C.) 7 D.) 12 E.) NOTA**
8. Given 101 is the smallest three digit prime number, what is the seventh smallest three digit prime number?
9. **103 B.) 107 C.) 131 D.) 137 E.) NOTA**
10. Hokey wants to take Coxswain Adi to the Haunted House but can’t figure out the right way to ask her. If he could figure out what 5 less than the quantity 3 times the square root of 49 is, maybe he’d have a chance. Tell Hokey what 5 less than 3 times the square root of 49 is.
11. **-16 B.) -14 C.) 14 D.) 16 E.) NOTA**
12. Tubbie Bear is standing 6 feet away from a monster and 11 feet away from a fairy princess. What is the shortest possible distance between the monster and the fairy princess?
13. **5 B.) 6 C.) 11 D.) 17 E.) NOTA**
14. Double, Double, toil and trouble, fire burn and cauldron \_\_\_\_\_\_\_.  
    What goes in the blank? (Hint the answer is B)
15. **Sherlock B.) Bubble C.) Adler D.) Moriarty E.)NOTA**

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