

**A.R. Johnson Health Science and Engineering Magnet School
2018-2019 Sixth Grade Summer Work**

Directions

- 1. Read carefully and follow the instructions for each question as printed.**
- 2. Write neatly.**
- 3. For Part 1, use pencil ONLY.**
- 4. For Part 1, when showing work on Math Scratch Sheet (pg. 7), be sure to number questions and write neatly.**
- 5. Only use the Math Scratch Sheet (pg. 7) that's been provided. Do not add/provide any additional sheets.**
- 6. For Part 2, use blue or black ink ONLY.**
- 7. For Part 2, do not write beyond the lines that are provided. Writing on scratch loose leaf paper to do a rough draft is ideal. Write the final draft on the paper provided.**
- 8. Do not submit a rough draft.**
- 9. Write name and date in the spaces provided at the bottom of each sheet.**
- 10. Staple all papers together in order and submit them to Ms. Mills on the first day of school DURING YOUR MATH CLASS.**

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Part 1

1. Kate is planning a birthday party at Skateland. It costs \$3.75 per child to attend the birthday party. How many friends can Kate invite to the party, if she spends \$75.00?
Answer:

Show your work on the math scratch sheet (pg. 7).

2. Kate's mom has just informed her that she only has \$45.00 to spend on the party. How many friends can she invite?
Answer:

Show your work on the math scratch sheet (pg. 7).

3. You and your family are taking a family vacation to the aquarium. The prices are as follows: **children- \$18.75; adults 17 and older- \$25.00; senior citizens 65 and older- \$23.75**. How much would it cost for you, your parents and grandmother to go? Show your work.
Answer:

Show your work on the math scratch sheet (pg. 7).

4. The West family is going to the aquarium on vacation as well. They are taking 2 children, 1 parent, and 2 senior citizens. How much will they spend? Who spent more money at the aquarium, your family or the West family? Explain.
Answer:

Show your work on the math scratch sheet (pg. 7).

5. You are at an outdoor festival with a friend and you decide to purchase the following food items: a hot dog, cheeseburger, fries, soda, and ice cream. How much did you spend? (*See menu below*)

Answer:

Show your work on the math scratch sheet (pg. 7).

6. You have \$20.00 to spend. How many different food/drink combinations could you have? List some of the combinations. *Use the space on this page to show your work.*

Food/drink item	Cost
Fries	\$2.75
Hot dog	\$1.75
Hamburger	\$2.15
Cheeseburger	\$2.25
Soda	\$1.25
Ice Cream	\$1.50
Cookies (3)	\$1.00
Water	\$1.00

Math Scratch Sheet

Name:

Date: