**SPRING STUDENT ENRICHMENT PACKET**

**Elementary Mathematics**

**Grade 3**

**![MC900022481[1]]()**

**™**

**Prince George’s County Public Schools**

**Office of Academic Programs**

**Department of Curriculum and Instruction**

Grade 3 SPRING STUDENT ENRICHMENT PACKET

Mathematics

DIRECTIONS and Notes to Parents

*Complete each activity in the Spring Student Enrichment Packet.*

*Write your responses in the spaces provided.*

**Parents are encouraged to assist in the following ways:**

* Make a plan to complete the activities during the Spring Break.
* Provide a quiet space and time for your child to work on the packet.
* Help your child with the directions completing the activities.
* Review and discuss your child’s responses. Provide positive feedback and praise for sincere effort and independence.
* Encourage fact practice and assist as needed.  The fluency expectation for 3rd grade is to know all products of two one-digit numbers (basic multiplication facts through 9).

**Thank you for helping your child to succeed!**

**Directions: Select the best answer choice for each question.**

You have learned about many types of data displays and will learn many more throughout the years. It is important to be able to look at the displays and to interpret what is on the display. The data tells a story.

**Use the data display below for questions 1 - 3.**

 Team’s Scores



X

1. How many teams scored more than 40 points?

 **A** 4 **B** 5 **C** 14 **D** 17

2. How many teams scored the greatest number of points?

 **A** 1 **B** 6 **C** 13 **D** 16

 3. How many teams had a score the same as at least one other team?

**A** 5 **B** 8 **C** 14 **D** 16

**Directions: Select the two letter choices that correctly answer the question below.**

 4. Thomas is putting a wooden frame around the perimeter of a rectangular door.

 The door’s dimensions are 10 feet x 5 feet. How many feet of wood does he need?

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| --- |
|  |

**5 ft.**

**10 ft.**

 **A** 15 **B** (10 +10) + (5 + 5) **C** 10 + 5 **D** 10 x 5 **E** 30

**Directions: Use the figures below for questions 5 - 7.** **Select the best answer choice.**

***Figure C***

***Figure B***

***Figure A***

  

5. What fraction is shown on ***Figures* *A, B, and C*** above.

 **A** 9/10, 6/10, 5/10 **B** 8/10, 5/10, 1/2

 **C** 1/9, 6/9, 5/9 **D** 9/10, 7/10, 5/10 or 1/2

6. What fraction is missing from ***Figures* *A, B, and C*** above?

 **A** 9/10, 6/10, 5/10 **B** 2/10, 4/10, 5/10 or 1/2

 **C** 1/10, 3/10, 5/10 or 1/2 **D** 9/10, 7/10, 5/10 or 1/2

7. Which letter shows the fractions correctly listed in order from least to greatest?

**A** 1/10, 3/10, 7/10, 5/10, and 9/10 **B** 1/10, 3/10, 5/10, 7/10, and 9/10

**C** 3/10, 1/10, 5/10, 7/10, and 9/10 **D** 9/10, 7/10, 5/10, 3/10, and 1/10

 **Use the information below for question 8.**

Jen, the librarian, wants to arrange some books on the shelves. She arranged them in 5 rows of 9 books. The model below represents the shelves.

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 8. Which could Jen use to find the total number of books? Select **True** or **False** for each

 statement.

 ** True  False**

 **A** (5 x 6) + (5 x 3)

 ** True  False**

 **B** (5 x 4) + (5 x5)

 ** True  False**

 **C** 5 + 9

 ** True  False**

  **D** 9 x 5

 **Use the information below for questions 9 - 10.**

 Mr. Donald’s Rib House sells rib meals. Each meal comes with 6 ribs and French fries.

9. Nikki and her friends want to have a total of 54 ribs. How many rib meals should they

 order? Show your work.

10. Nikki and her friends ordered 8 meals. How many ribs did Nikki and her friends

 receive with their order? Explain your thinking.