Directions and Notes for Students and Parents
Grades 1-5

1. Plan to work for about one hour to complete the entire packet.

2. Find a quiet place to complete your work independently.

3. Read each problem carefully before selecting or writing your answer.

4. Check your work.

Thank you for helping your child succeed!

Use the information below to answer questions 1-2.
A third grade class decided to sell boxes of cookies to help raise money for a winter school trip. Each box contains two bags of cookies. Each bag holds nine cookies.

1. If each student needed to sell four boxes of cookies, how many cookies did each student sell? Use the box below to show your work. \(3.OA.7,8\) Answer ____________________

2. Suppose one student decided to share four boxes of cookies equally between eight friends; how many cookies will each friend receive? Use the box below to show your work. \(3.OA.6,7,8\) Answer ____________________
3. The floor in Denise’s bathroom measures 10 ft. x 4 ft. Use the grid below to show the area of Denise’s bathroom. What is the area of Denise’s bathroom? \(3.NBT.3, 3.MD.6, 7, 7b\)

Answer _____________________

Explain your thinking.

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4. Maria and Consuela were practicing multiplication during the holiday. Maria wrote the following statement and asked Consuela to fill in the blank. What number should Consuela place in the blank to make a true statement? Explain your answer. What basic fact(s) will help solve this problem? \(3.OA.5,6\)

Maria’s statement: \(21 \times 4 = \underline{\phantom{000}} \times \underline{\phantom{000}} \times 4\)

Answer _____________________

Adapted from Prince George’s County Public Schools
Use the information below to answer questions 5-6.

Tiara’s Model

5. Tiara wanted to show her classmates how to find area. She used the model above to demonstrate her thinking. \((3.MD.6,7,7a,b, 3.OA.3)\)

Tiara wrote the following statements about her model. Select Yes or No for each of Tiara’s statements.

A  The area is 14 square units.  

☐ Yes  ☐ No

B  The area is 3 units x 4 units.  

☐ Yes  ☐ No

C  The area is 12 square units.  

☐ Yes  ☐ No

D  The area is 3 + 3 + 3.  

☐ Yes  ☐ No

6. What is the perimeter of Tiara’s model? Select True or False for each of Tiara’s statements. \((3.MD.8, 3.OA.8)\)

A  The perimeter is 4 units + 4 units + 3 units + 3 units.  

☐ True  ☐ False

B  The perimeter is 4 units + 4 units + 4 units.  

☐ True  ☐ False

C  The perimeter is 3 units + 3 units + 3 units + 3 units.  

☐ True  ☐ False
D  The perimeter is 6 units + 8 units.  

☐ True  ☐ False

The picture is 8 cm x 10 cm.

7. Clifton wants to put a rectangular frame on the above picture of the snowboarder. He has 18 cm of string to make the frame. Does he have enough for the frame? Explain why your answer is correct. (3.MD.8, 3.NBT.2)

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**Bonus** Create your own word problem and solution about an experience during the Winter Break. Do not forget to include strategies for the solution.

8-10. Enjoy these websites over the holidays. Make a schedule of the time spent on any of these sites:
http://www.animaljr.com/winter-themed-printable-multiplication-worksheets/
http://www.softschools.com/math/

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