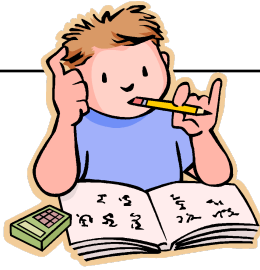


 Grade 3
MATHEMATICS
WINTER STUDENT
ENRICHMENT PACKET



**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.

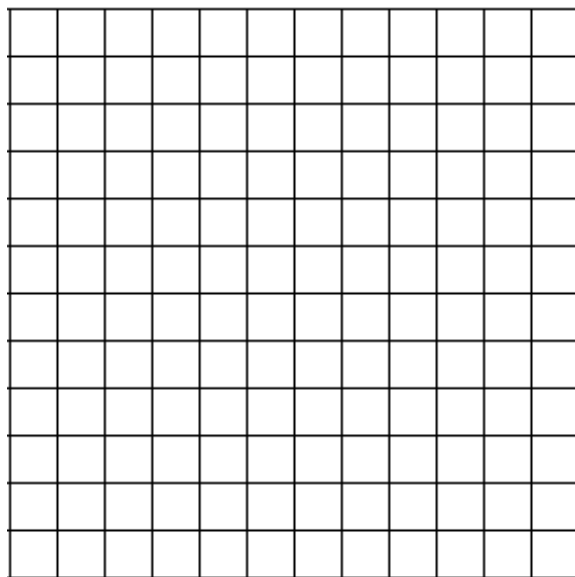
1. If each student needed to sell four boxes of cookies, how many cookies did each student sell? Use the box below to show your work. **(3.OA.7,8)** Answer _____

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.

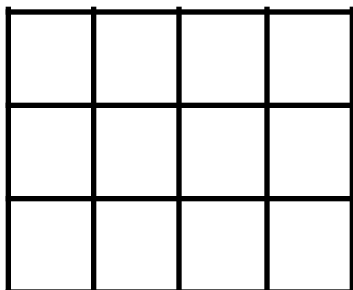
4. Maria and Consuela were practicing multiplication during the holiday. Maria wrote the following statement and asked Consuela to fill in the blank. What number should Consuela place in the blank to make a true statement? Explain your answer. What basic fact(s) will help solve this problem? **(3.OA.5,6)**

Maria's statement: $21 \times 4 = \underline{\hspace{1cm}} \times \underline{\hspace{1cm}} \times 4$

Answer _____

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)**

True False

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

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



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)

****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/>

<http://www.fuelthebrain.com/Guides/view.php?ID=320>