1. Mei-Ling has 8 pencils. Each pencil is exactly 6 inches long. She lays them, end-to-end, in a straight line.

   How long is her line of pencils?  
   answer: __________

   Write a repeated addition problem that can be used to solve this problem.  
   ____________________________________

   Write a basic multiplication fact that can be used to solve this problem.  
   ____________________________________

2. Mr. Villanueva wants to hang three whiteboards on the north wall of his classroom. The wall is 24 feet wide. The whiteboards are each 9 feet wide. Does he have enough room to hang the whiteboards?  
   answer: ____________

   Explain how you found the answer.  
   ____________________________________
   ____________________________________
   ____________________________________

3. Gabby has large golf balls that measure exactly 2 inches round. She carefully balances 4 golf balls on top of each other to make a tower. How tall is her tower?  
   answer: ____________

   Write a repeated addition problem that can be used to solve this problem.  
   ____________________________________

   Write a basic multiplication fact that can be used to solve this problem.  
   ____________________________________

4. Lexi needs a length of rope that is at least 28 feet long to hang her laundry. She has 4 smaller ropes that are each 9 feet long. If she ties them together, will they be long enough?  
   answer: ____________

   Explain how you found the answer.  
   ____________________________________
   ____________________________________
   ____________________________________
1. Mei-Ling has 8 pencils. Each pencil is exactly 6 inches long. She lays them, end-to-end, in a straight line. How long is her line of pencils? answer: 48 inches long

Write a repeated addition problem that can be used to solve this problem. 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 = 48 inches

Write a basic multiplication fact that can be used to solve this problem. 8 x 6 = 48 inches (also accept: 6 x 8 = 48 inches)

2. Mr. Villanueva wants to hang three whiteboards on the north wall of his classroom. The wall is 24 feet wide. The whiteboards are each 9 feet wide. Does he have enough room to hang the whiteboards? answer: no

Explain how you found the answer. The whiteboards would measure 27 feet wide, because 3 whiteboards x 9 feet each = 27 feet. He only has 24 feet of space to work with. Since 24 is less than 27, they will not fit.

3. Gabby has large golf balls that measure exactly 2 inches round. She carefully balances 4 golf balls on top of each other to make a tower. How tall is her tower? answer: 8 inches

Write a repeated addition problem that can be used to solve this problem. 2 + 2 + 2 + 2 = 8 inches

Write a basic multiplication fact that can be used to solve this problem. 4 x 2 = 8 inches (also accept: 2 x 4 = 8 inches)

4. Lexi needs a length of rope that is at least 28 feet long to hang her laundry. She has 4 smaller ropes that are each 9 feet long. If she ties them together, will they be long enough? answer: yes

Explain how you found the answer. 4 pieces of rope x 9 feet each equals 36 feet of rope in all. Since 36 is greater than 28, she should have more than enough.