Sample Lesson #3

1. $54.08 \div 0.4 = ?$

2. Is there a type of regular polygon with no lines of symmetry? If so, draw one. If not, write "no."

3. Plot and label the points N (2, 3) and Y (4, 1) on the coordinate plane.

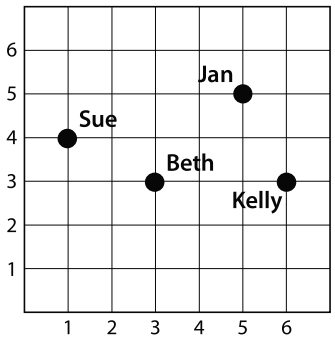
4. Use the data in the chart to complete a line plot for the amount of cream used in the bakery.

Amount of Cream (in quarts)
$\frac{3}{7}, \frac{3}{7}, \frac{5}{7}, \frac{3}{7}, \frac{1}{7}, \frac{3}{7}, \frac{1}{7}$

5. $(5.6 \div 2) \times 3 = ?$

6. $6{,}056 \times 3 = ?$

7. Look at the grid of the girls on the playground. If you travel along the grid lines, who is Jan closest to? Explain.



8. Create an area model to show $\frac{4}{5} \times \frac{1}{10}$. Shade the tiles and then write the product.

9. $4\frac{1}{2} - 2\frac{2}{5} = ?$

10. Six quarts of paint is equally shared among 9 artists. How many quarts of paint does each artist get?

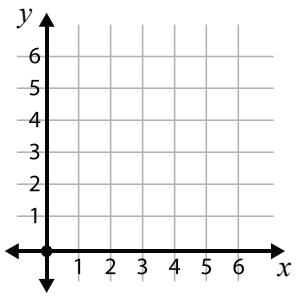
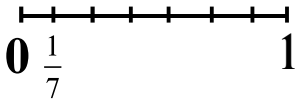
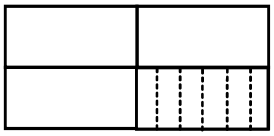
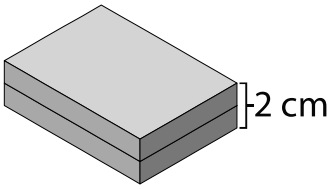
11. Order the numbers from greatest to least. 81.48, 81.84, 81.084

12. The first floor of a building is equally divided to make 4 offices, and 6 employees work in each office. If each employee has an equal amount of space, how much of the first floor does each person get? Use the visual fraction model to show the quotient.

13. Solve. $1{,}753.5 \div 10^2 = ?$

14. The company Nguyen Mills sells model windmills. A small model costs $85. A large model costs $170. Create a data table to show the costs of 1, 2, and 3 models of each size. Compare the cost of three large models to the cost of three small models.

15. The base of the prism is 5 cm by 7 cm. What is the volume of the prism in cubic centimeters?

1. 5.NBT.7	**2.** 5.G.3	**3.** 5.G.1 
4. 5.MD.2 Amount of Cream (in quarts) 	**5.** 5.OA.1	**6.** 5.NBT.5
7. 5.G.2	**8.** 5.NF.4	**9.** 5.NF.1
10. 5.NF.3	**11.** 5.NBT.3	**12.** 5.NF.7  $\frac{1}{6} \div 4 =$ ___
13. 5.NBT.2	**14.** 5.OA.3	**15.** 5.MD.5