

Liquid Volume and Area

Home Link 2-12

NAME _____

DATE _____

TIME _____

Family Note Today your child explored the ideas of *liquid volume* and *area*. Before your child is exposed to formal work with these measures (such as equivalent units of **liquid volume** or formulas for finding area), it is important to have concrete, exploratory experiences with these measures.

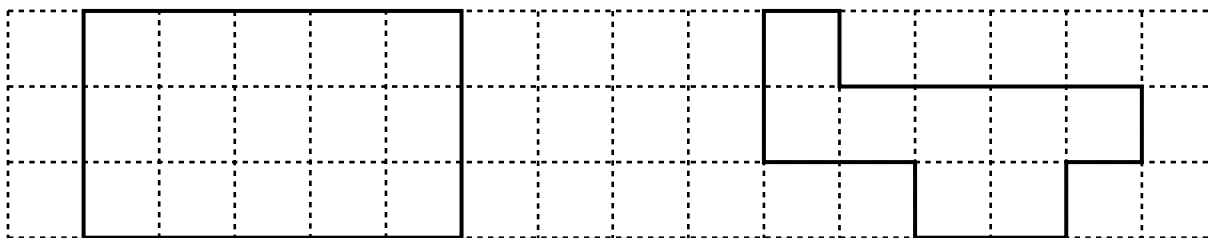
In Problem 1, help your child see that although the glasses may have different dimensions, they can still hold about the same amount of water. In Problem 2, the number of squares that your child counts is the area measurement in square centimeters.

Please return this Home Link to school tomorrow.

- ① Pour some water into a cup at home. Pour all the water from the cup into a bowl. Does the volume or amount of liquid change when you pour it from one container to the other? Explain your thinking.



- ② Count squares to find the area of each figure.



_____ square centimeters

_____ square centimeters

Practice

③ $6 \times 2 = \underline{\hspace{2cm}}$

④ $14 = 2 \times \underline{\hspace{2cm}}$

⑤ $\underline{\hspace{2cm}} = 18 \div 2$

⑥ $16 \div \underline{\hspace{2cm}} = 8$