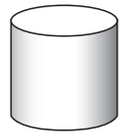
Name _____ Date _____

MATH EXTENSION A

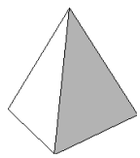
Investigation 1: Solids

What solids have the shape of a sphere?

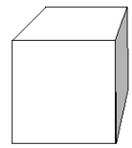
What solids have the shape of a cylinder?



What solids have the shape of a pyramid?



What solids have the shape of a cube?

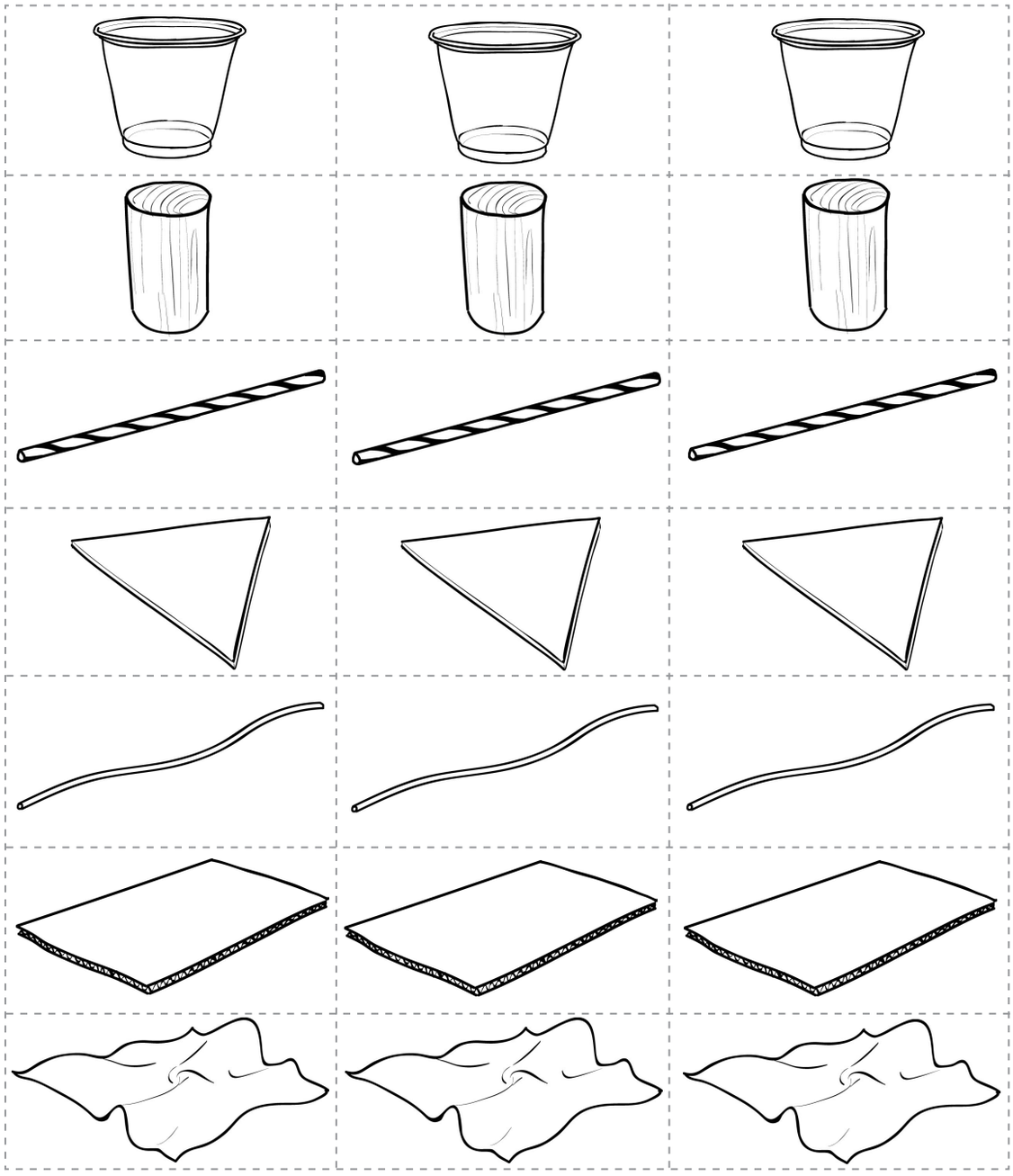


Name _____ Date _____

MATH EXTENSION B

Investigation 1: Solids

Cut out the boxes with the pictures of objects. Build towers with the pictures, using the clues your teacher gives you.



Name _____ Date _____

MATH EXTENSION

Investigation 2: Liquids

A student went to the store with his mother to get a few things. They bought dish soap, milk, bran flakes, cheese, and bananas. The prices are listed below.

How much did they spend for liquids? _____

How much did they spend for solids? _____

Dish soap
$1.50

Bananas
$1.50

Bran flakes
$3.00

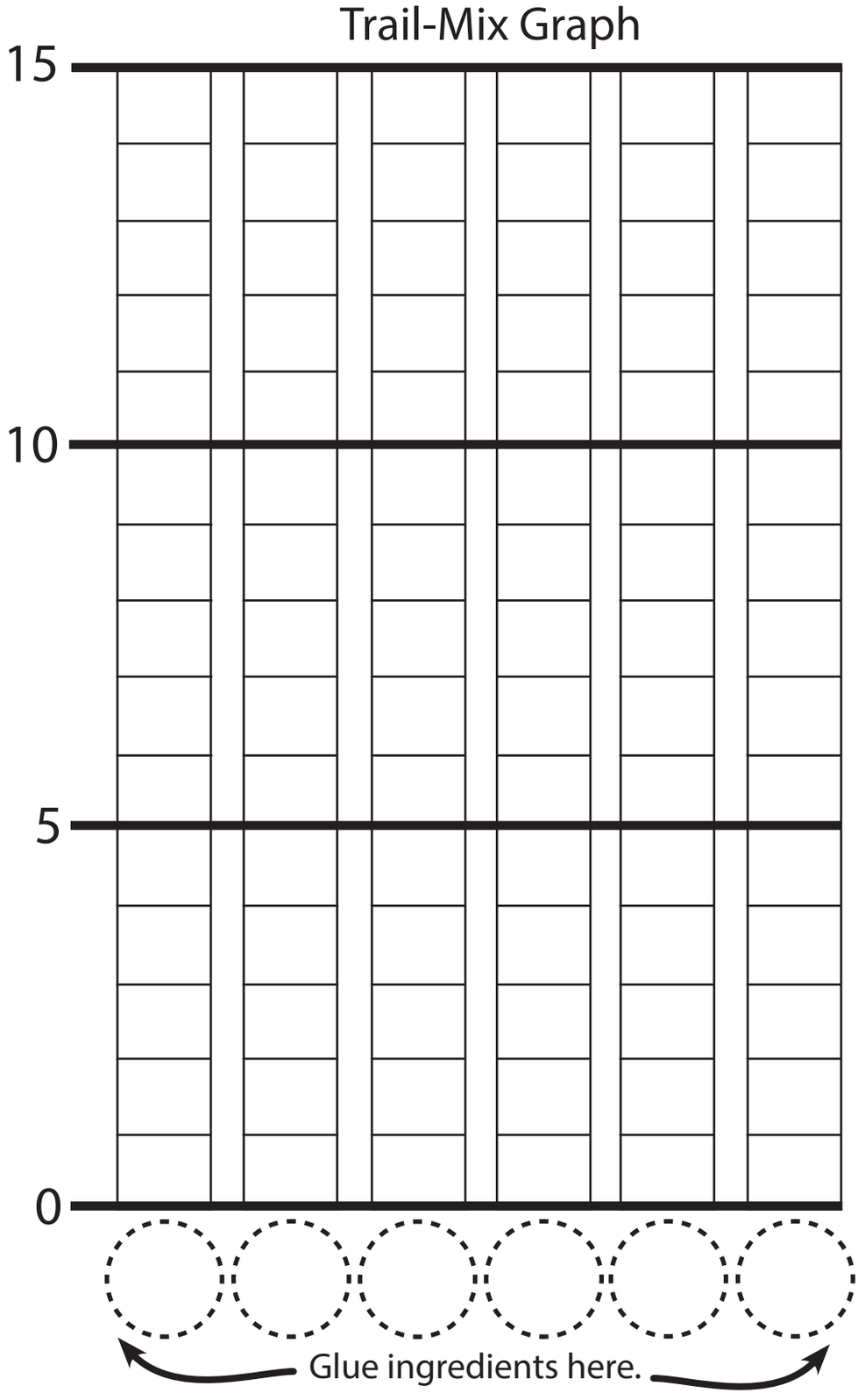
Milk
$2.00

Cheese
$2.50

Name _____ Date _____

MATH EXTENSION A

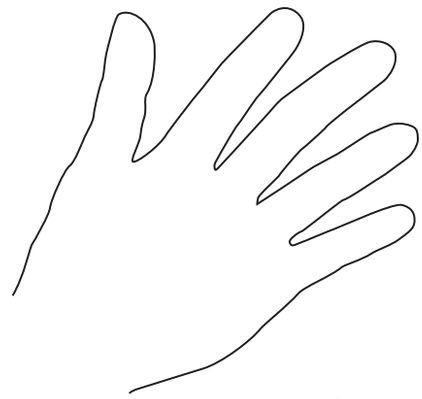
Investigation 3: Bits and Pieces



Name _____ Date _____

MATH EXTENSION B

Investigation 3: Bits and Pieces



How many pinto beans can you grab in one hand? Do it to find out, and record the number here. _____

Will you be able to grab more, fewer, or the same number of lima beans? (Circle one.)

More Fewer Same number

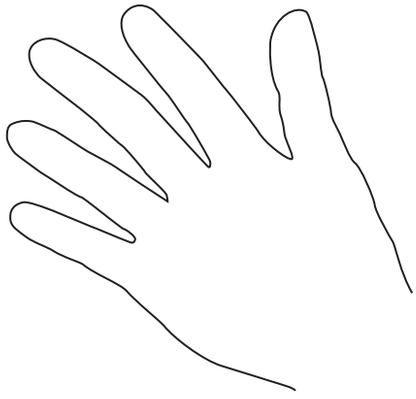
Why do you think so?

_____

_____

_____

_____



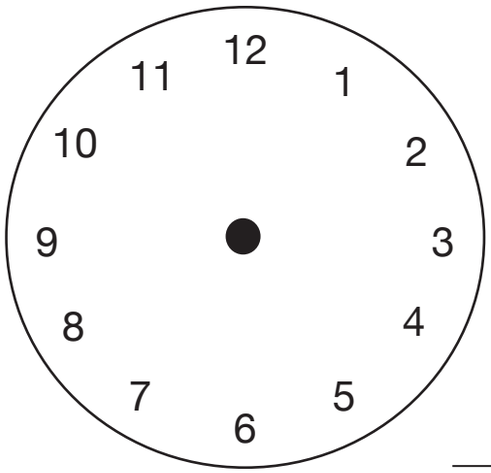
How many lima beans can you grab in one hand? Do it to find out, and record the number here. _____

Name _____ Date _____

MATH EXTENSION A

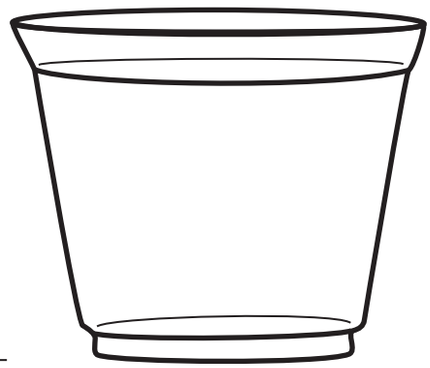
Investigation 4: Solids, Liquids, and Water

1. What time is it when you start?

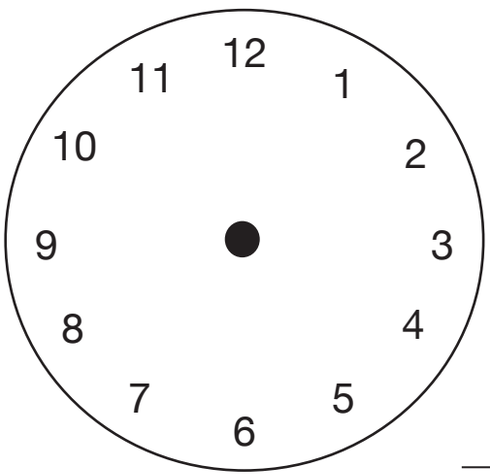


_____

This is ice before it melted.

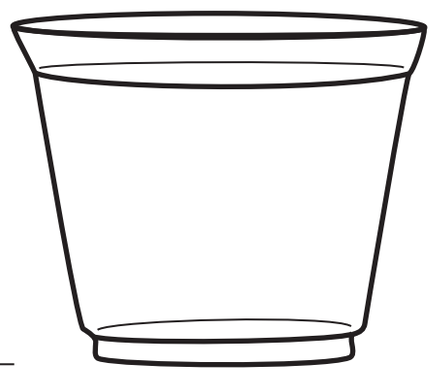


2. What time is it when the ice is melted?



_____

This is ice after it melted.



3. How long did it take for the ice to melt? _____

Name _____ Date _____

MATH EXTENSION B

Investigation 4: Solids, Liquids, and Water

A student made a new kind of soft drink. She tested many ways to put the solids and liquids together. Here is what she thought made the best-tasting soft drink.

Water	2 ounces
Sugar	4 spoons
Flavoring	3 spoons of vanilla, 2 spoons of strawberry
Coloring	5 drops of blue, 3 drops of red

Now she wants to make an 8-ounce portion of the soft drink that tastes just like her 2-ounce test. How much of each solid and liquid should she use?