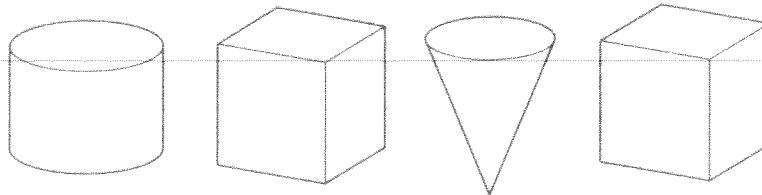
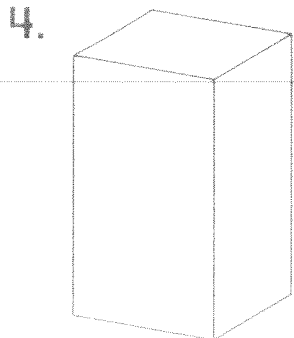
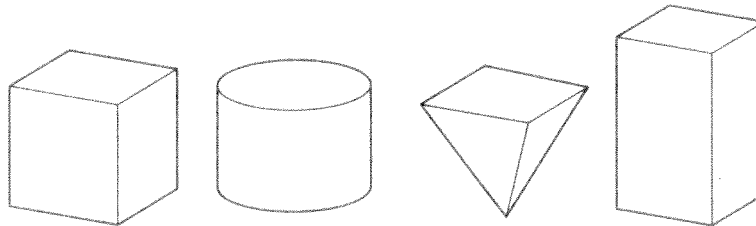
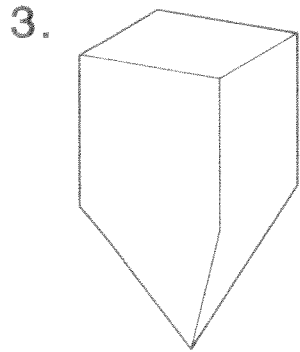
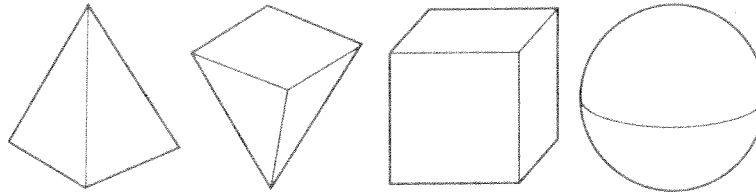
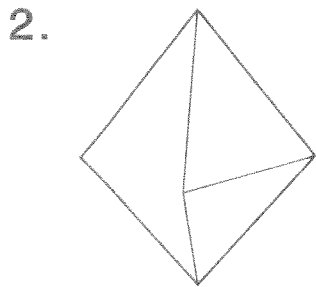
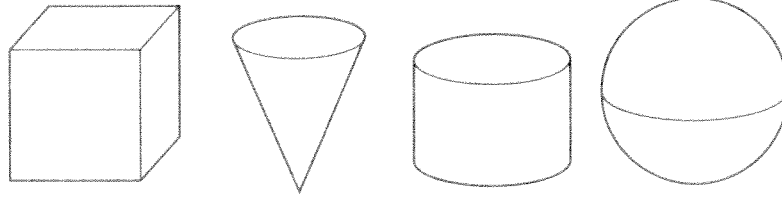
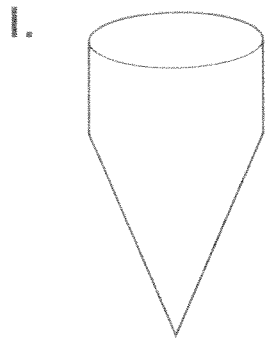


Name _____

Two Solids Make One

E 7-1
VISUAL THINKING

Circle the 2 solid figures that make the first object.
Draw the missing edge that connects the solids.



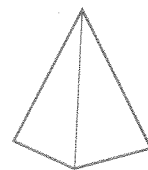
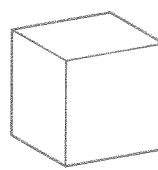
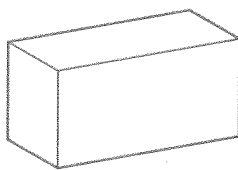
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Name _____

E 7-2
DATA

A Shape Graph

Count the number of circles, squares, rectangles, and triangles that are made by tracing each flat surface of each solid. Color one box in the graph for every plane shape you count.



Number of Plane Shapes Found in Solids										
										
										
										
										
	1	2	3	4	5	6	7	8	9	10

Answer the questions.

1. Write the total number of plane shapes counted.

3 circles

_____ squares

_____ rectangles

_____ triangles

2. Which plane shape was counted the most? _____

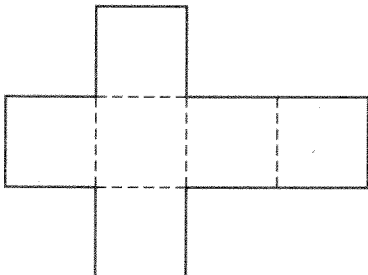
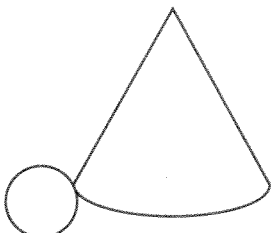
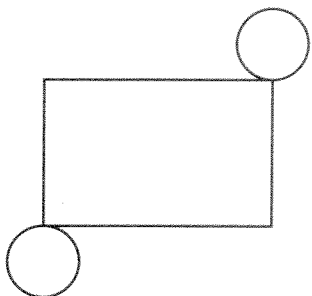
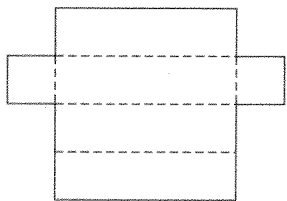
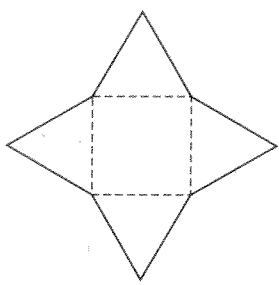
3. Which plane shape was counted the least? _____

Name _____

All Kinds of Nets

E 7-3
REASONING

Write the name of the solid figure you could form from each net. Then answer the questions.

 _____	 _____	 _____
 _____		 _____

1. How many folds does it take to make a pyramid? _____

2. Which two figures could you form by making 5 folds?

3. Name two figures you could make with nets that contain circles.

4. Which figures have nets that contain squares?

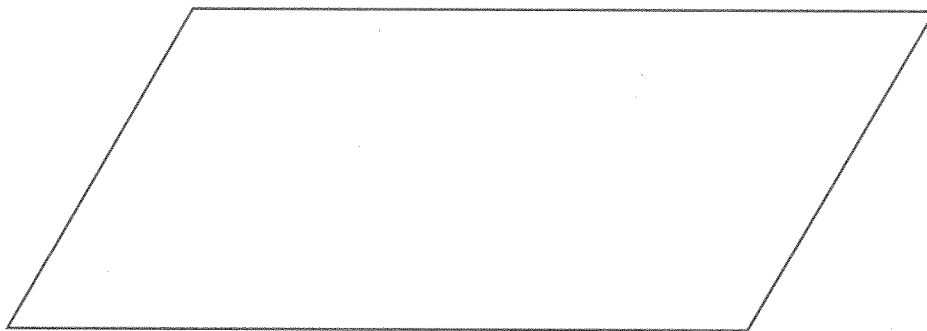
Name _____

Make a Shape

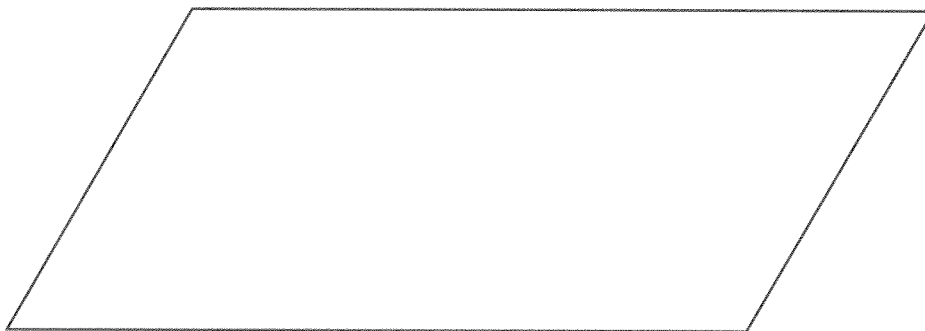
E 7-4
PATTERNS

Use pattern blocks to make the shape.
Trace and color to show one way.

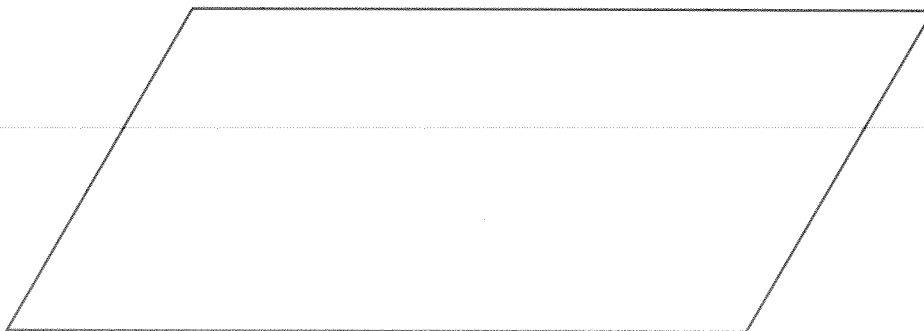
1. Use 6 blocks.



2. Use 7 blocks.



3. Use 8 blocks.



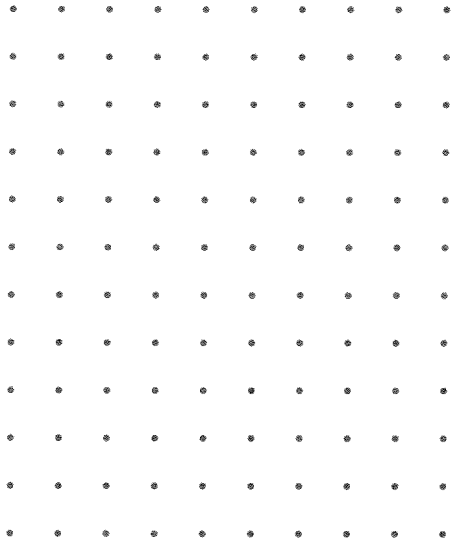
Name _____

Same and Different

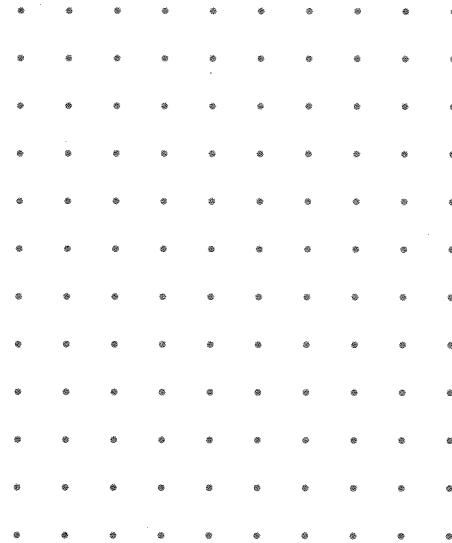
E 7-5
DECISION MAKING

Draw 2 shapes that are congruent.

1. Draw triangles.

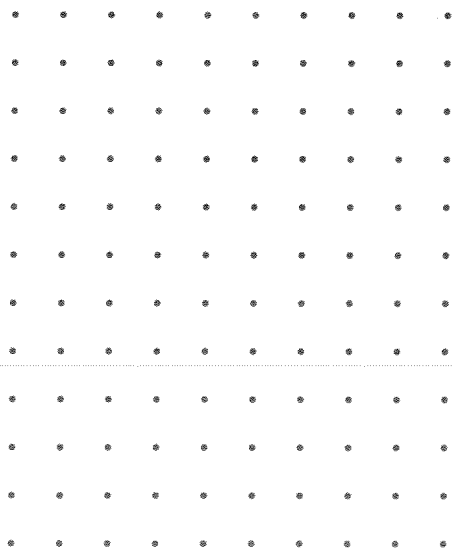


2. Draw trapezoids.

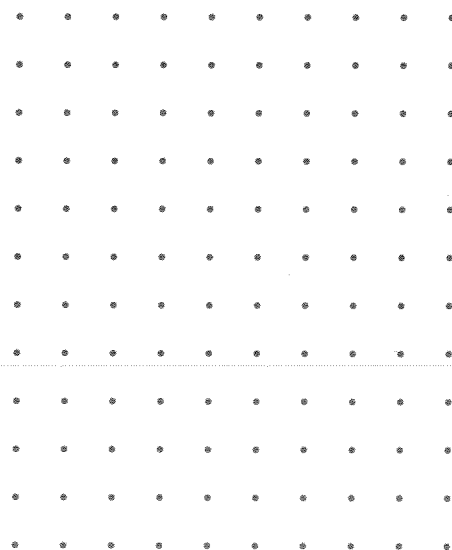


Draw 2 shapes that are not congruent.

3. Draw hexagons.



4. Draw parallelograms.



Name _____

Crazy Letters

E 7-6
VISUAL THINKING

Do the letters show a flip, a slide, or a turn?

Circle what comes next.

1. A A A

A A

2. E E E E E

E E

3. R R R R R

R R

4. Z Z Z Z Z

Z Z

5. B B B B B

B B

Name _____

Name Symmetry

E 7-7
REASONING

Many letters have a line of symmetry.

Draw a line of symmetry if you can.

Some letters have two lines of symmetry.

1. A G H P W X

2. Write the letters of your first and last name in capitals.

Draw lines of symmetry for the letters.

3. Which of the letters in your name have 1 line of symmetry?

4. Which of the letters in your name have no lines of symmetry?

Name _____

Solid Shape Riddles

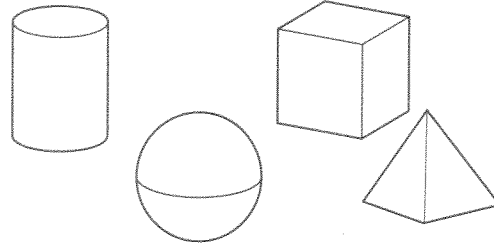
E 7-8
REASONING

Read the clues.

Circle the solid shape that answers the question.

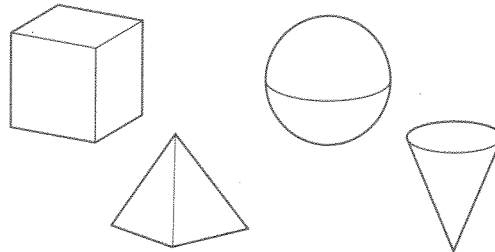
1. Who am I?

My flat surfaces are circles.
I have 0 edges.



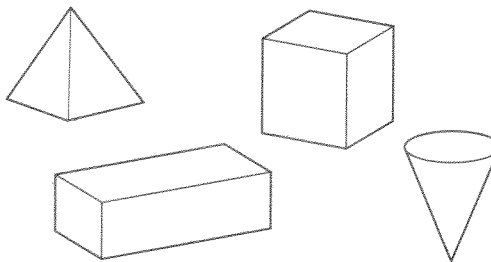
2. Who am I?

One of my flat surfaces
is a square.
I have 5 vertices.



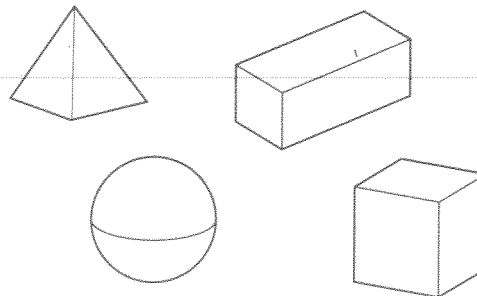
3. Who am I?

My flat surface is a circle.
I have 0 edges.



4. Who am I?

I have more than 8 edges.
Only 2 of my faces are squares.

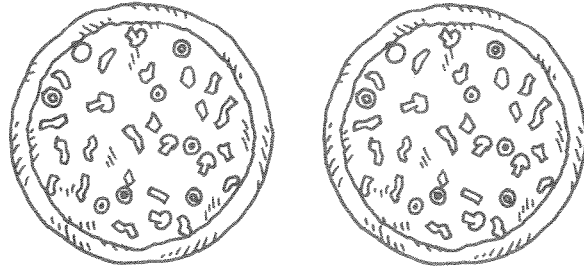


Name _____

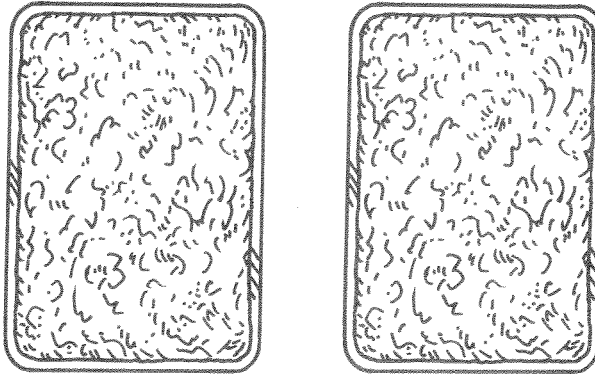
Let's Share Lunch

E 7-9
VISUAL THINKING

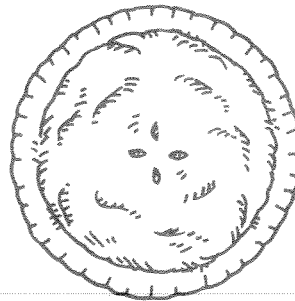
1. Two children want to share a small pizza. Draw two ways to split the pizza into halves.



2. Three children want to share a tray of apple crisp. Draw two ways to split the apple crisp into thirds.



3. Four children want to share an apple pie. Draw lines to split the pie into fourths.



Name _____

Shapes of Color

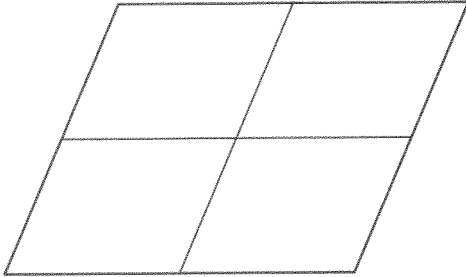
E 7-10
NUMBER SENSE

Each shape is divided into equal parts.

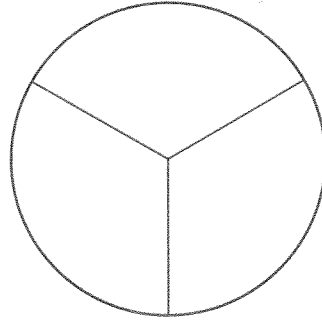
Color 1 part red.

Write the fraction for the part that is red.

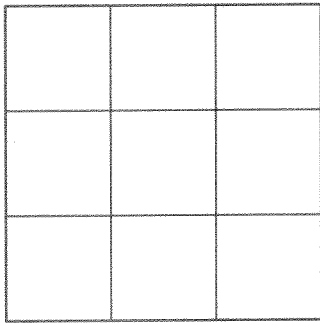
1.



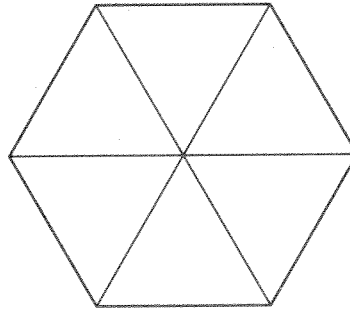
2.



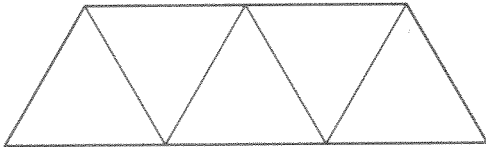
3.



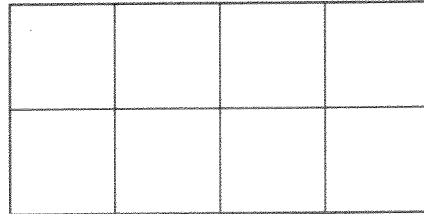
4.



5.



6.



Name _____

It's All in the Parts

E 7-11
NUMBER SENSE

Color the parts.

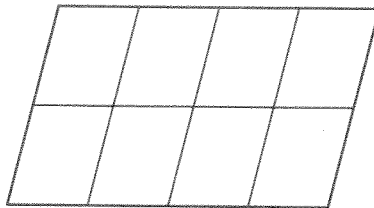
Write the fraction for the parts you color.

1. Color $\frac{1}{8}$ yellow.

Then color another $\frac{2}{8}$ yellow.

Color the rest green.

What part is green?

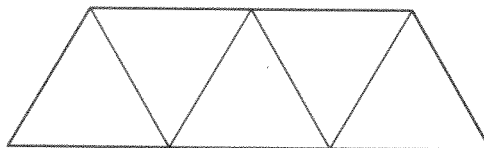


2. Color $\frac{2}{5}$ red.

Then color another $\frac{1}{5}$ red.

Color the rest blue.

What part is blue?

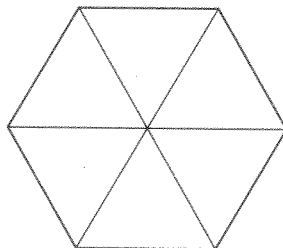


3. Color $\frac{1}{6}$ pink.

Then color another $\frac{3}{6}$ pink.

Color the rest yellow.

What part is yellow?

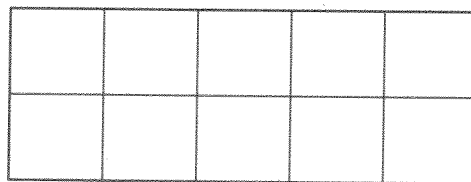


4. Color $\frac{4}{10}$ green.

Then color another $\frac{2}{10}$ green.

Color the rest purple.

What part is purple?



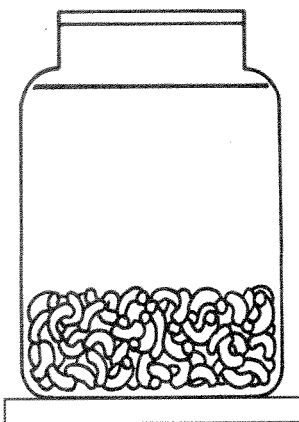
Name _____

Ooodles of Noodles

About how much is needed
to fill each jar to the fill line?

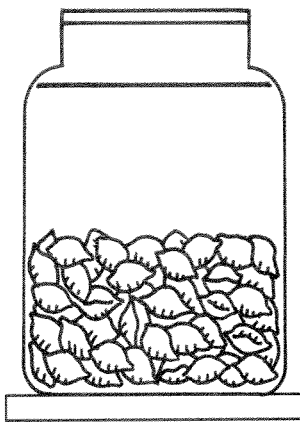
Circle your answer.

1.



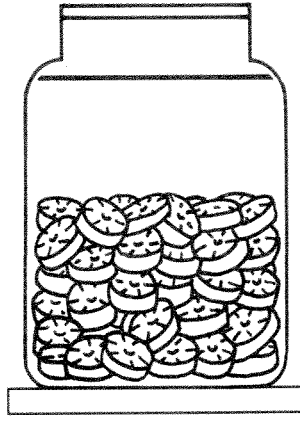
$\frac{2}{3}$ $\frac{2}{5}$ $\frac{1}{2}$

2.



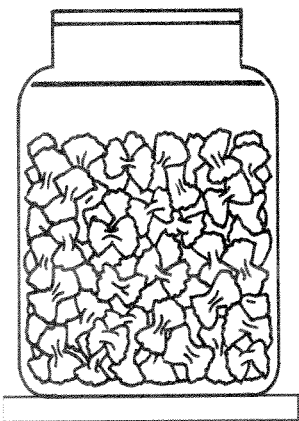
$\frac{3}{4}$ $\frac{1}{2}$ $\frac{1}{3}$

3.



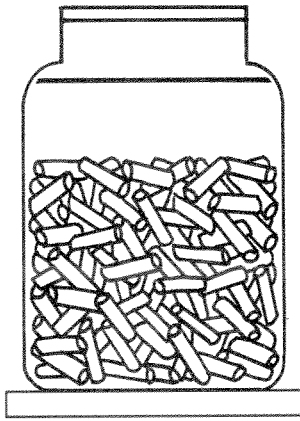
$\frac{2}{5}$ $\frac{5}{6}$ $\frac{2}{3}$

4.



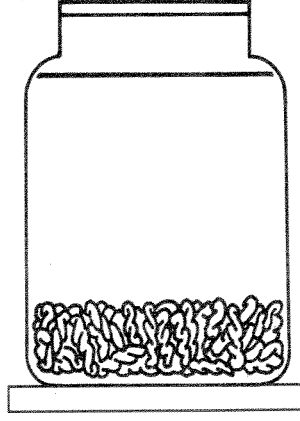
$\frac{3}{4}$ $\frac{1}{6}$ $\frac{3}{5}$

5.



$\frac{2}{5}$ $\frac{2}{3}$ $\frac{1}{4}$

6.



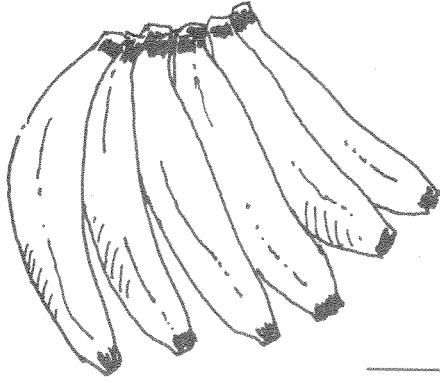
$\frac{1}{3}$ $\frac{3}{4}$ $\frac{2}{5}$

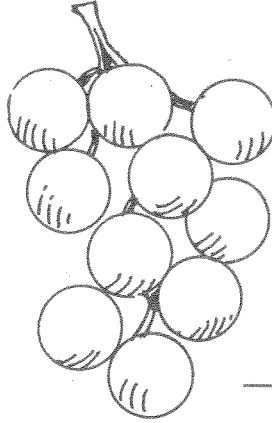
Name _____

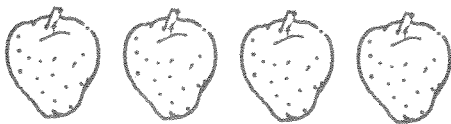
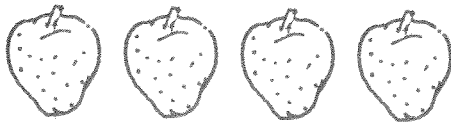
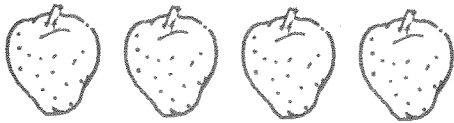
Making Fruit Salad

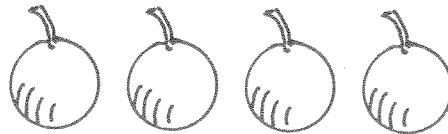
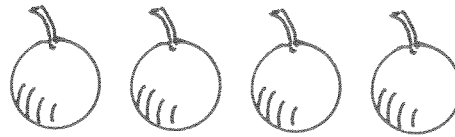
E 7-13
DECISION MAKING

Make fruit salad. Color a part of each group of fruit. Write the fraction. Then write your recipe for fruit salad below.









Tell how many of each fruit you chose. Write the fraction.

My Recipe for Fruit Salad

_____ bananas

_____ grapes

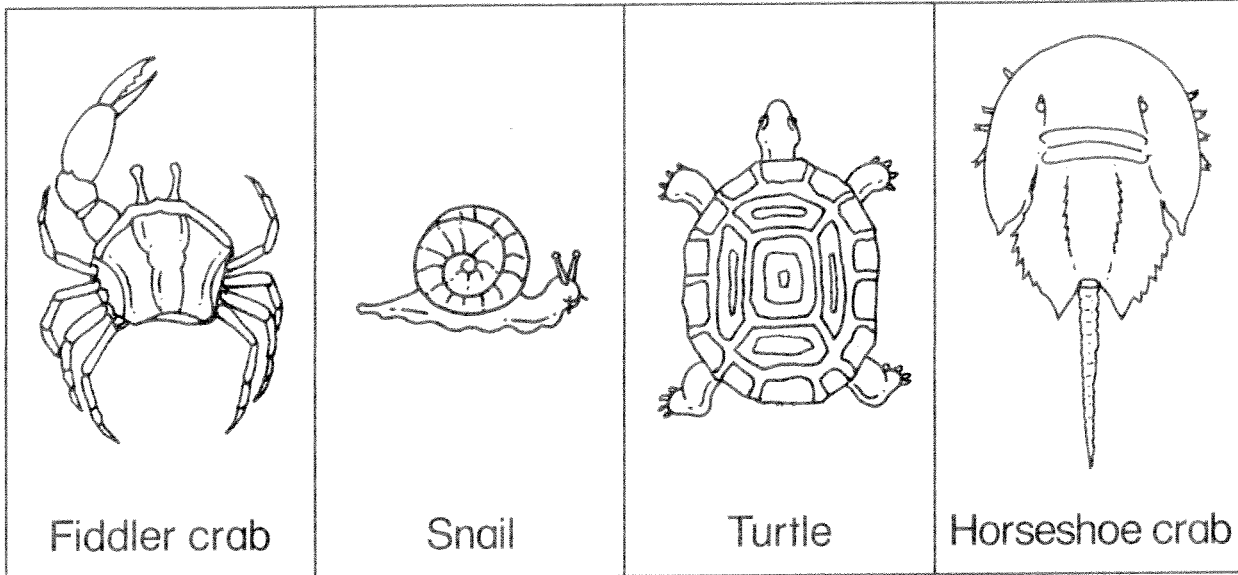
_____ strawberries

_____ cherries

Shell Shaped Animals

Some animals have shells that protect their bodies.

Use the animals in the pictures to answer your questions.



1. Draw a line of symmetry for each animal that you can.
Which animals are symmetrical?

2. Which animals have a rounded shape?

3. Which animals have shells shaped like an oval? 

4. Which animal has legs that are shaped like cylinders?
