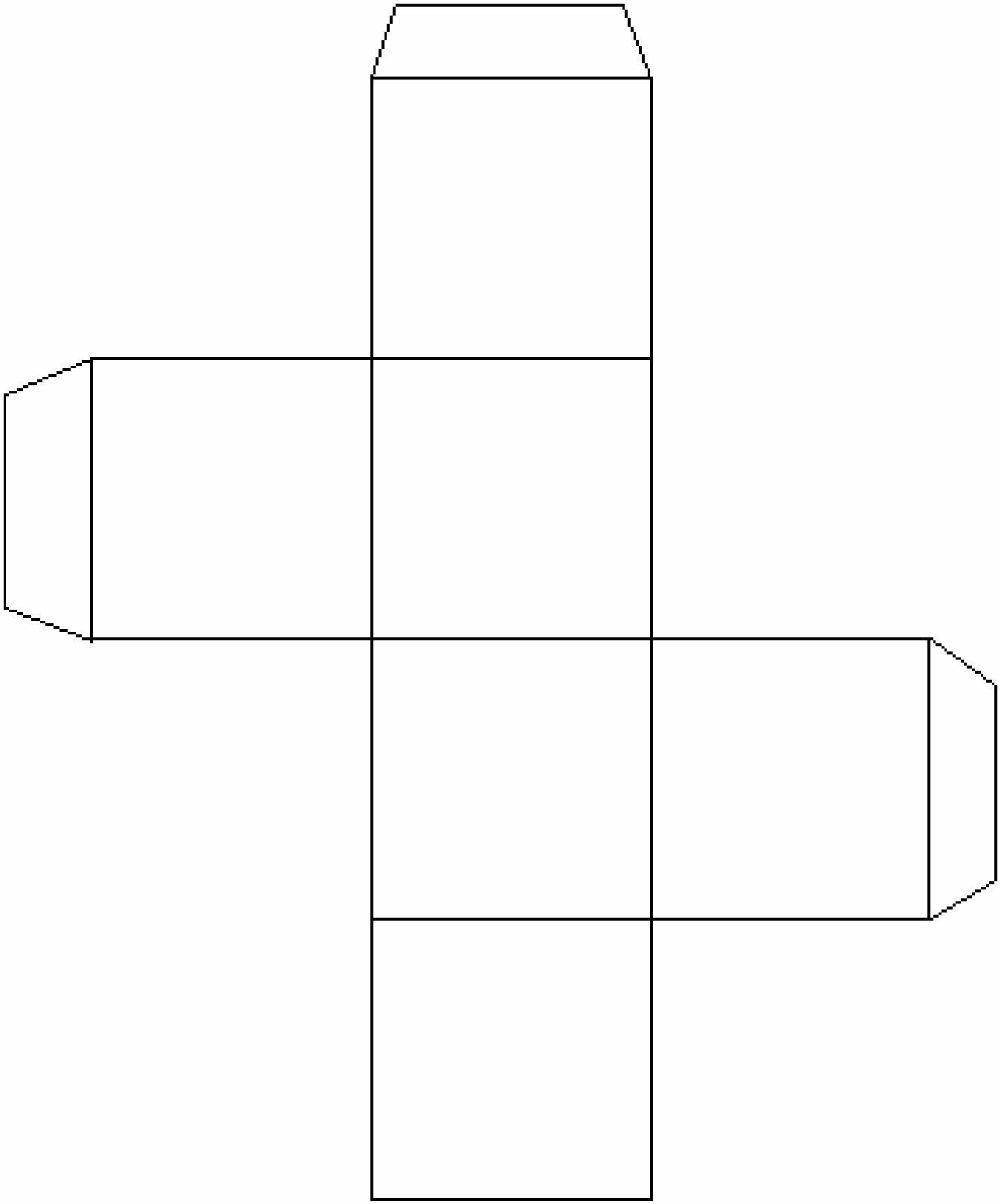
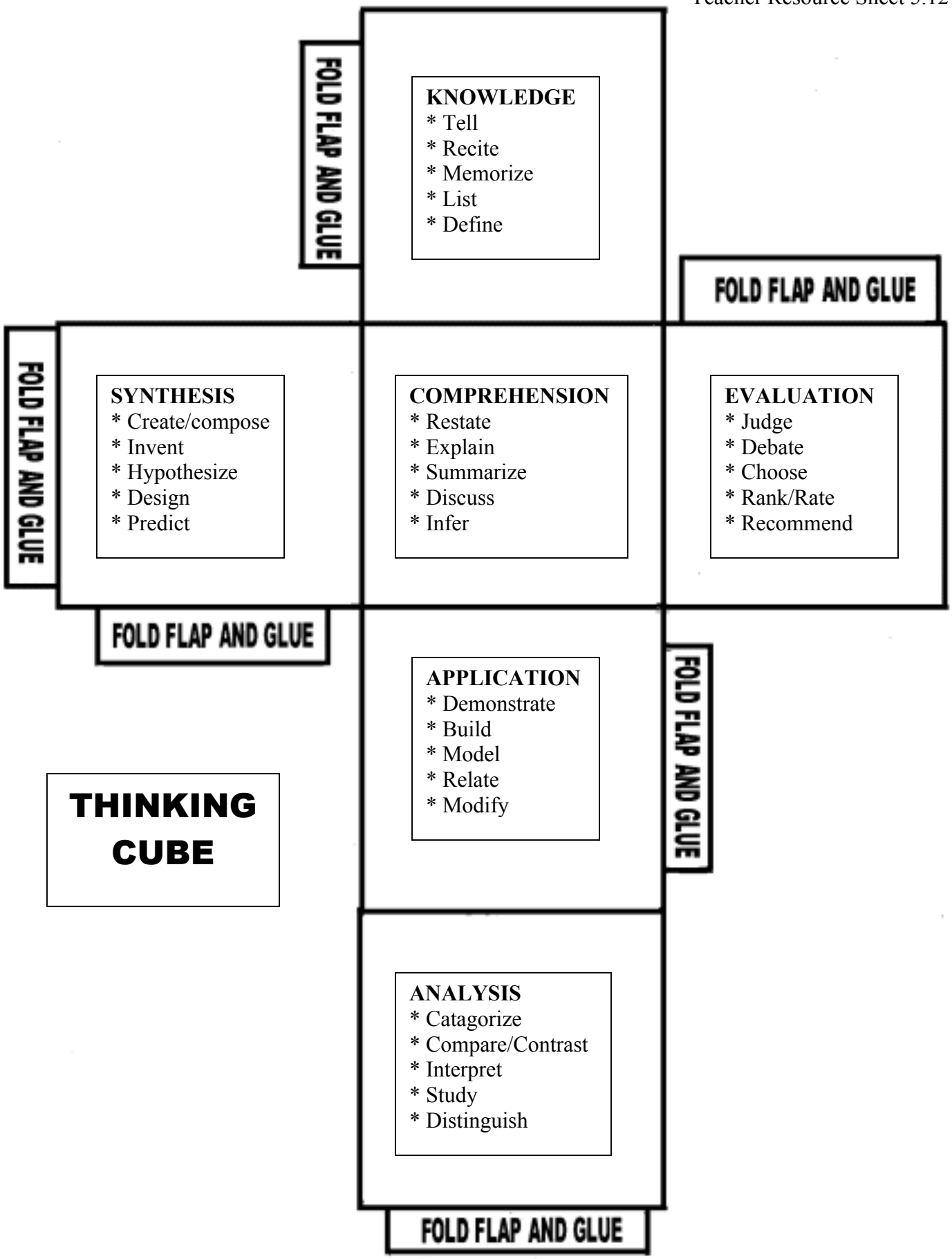
Blank Cube Template



Design, cut out, laminate for durability, fold along lines, glue tabs inside box, tape for extra strength.

Find more educational templates and fun activities at MommyNature.com!


FOLD FLAP AND GLUE
KNOWLEDGE
* Tell
* Recite
* Memorize
* List
* Define
FOLD FLAP AND GLUE
FOLD FLAP AND GLUE
SYNTHESIS
* Create/compose
* Invent
* Hypothesize
* Design
* Predict
COMPREHENSION
* Restate
* Explain
* Summarize
* Discuss
* Infer
EVALUATION
* Judge
* Debate
* Choose
* Rank/Rate
* Recommend
FOLD FLAP AND GLUE
APPLICATION
* Demonstrate
* Build
* Model
* Relate
* Modify
FOLD FLAP AND GLUE
THINKING CUBE
ANALYSIS
* Catagorize
* Compare/Contrast
* Interpret
* Study
* Distinguish
FOLD FLAP AND GLUE

Cubing

Topic:_____

1. Describe it:_____
   What does it look like?

2. Compare it: _____
   What is it similar to or different from?

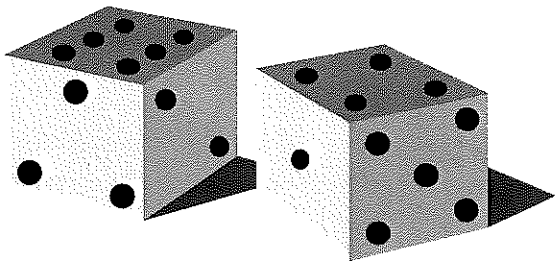
3. Associate it: _____
   What does it make you think of?

4. Analyze it: _____
   How is it made or what is it composed of?

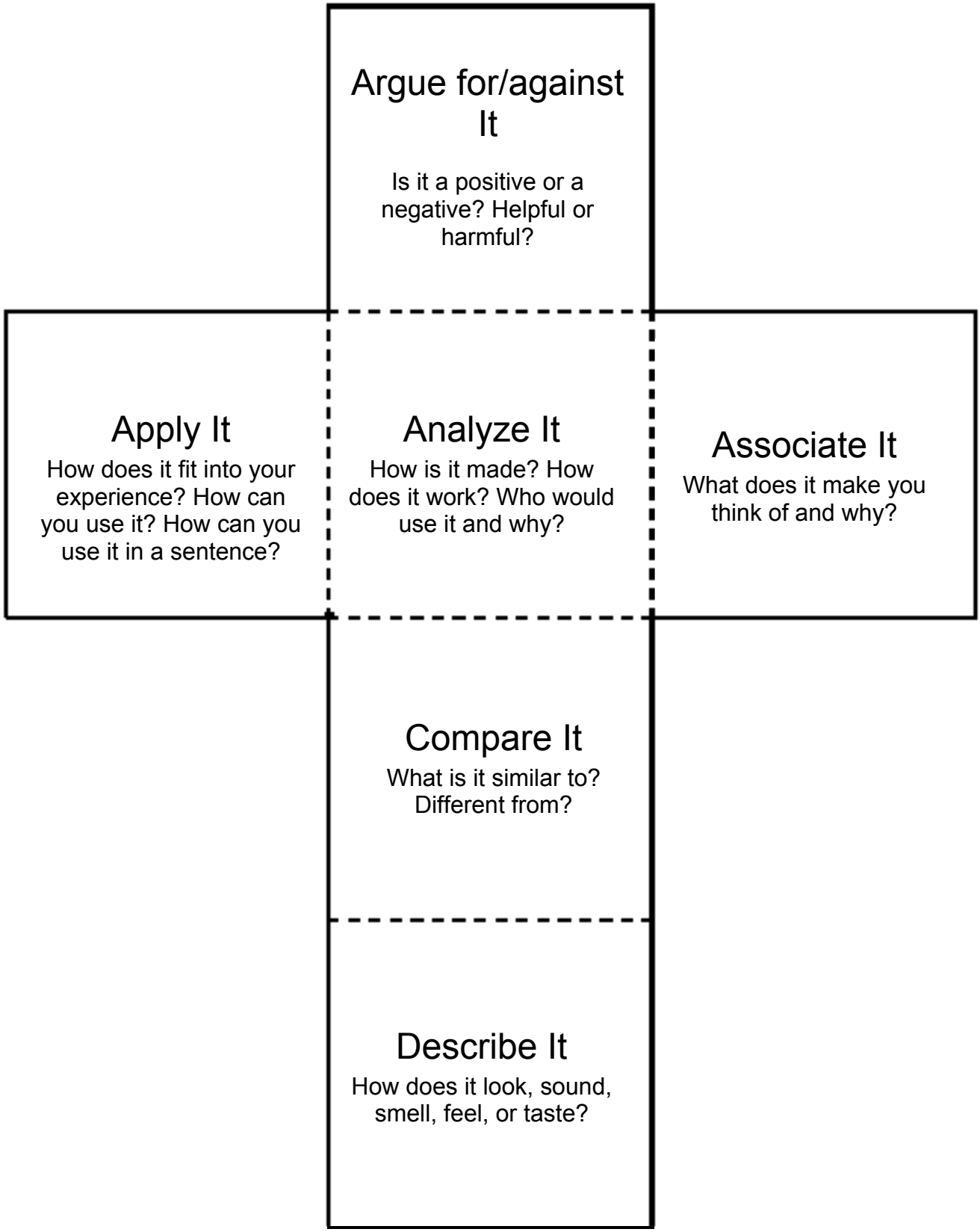
5. Apply it: _____
   What can you do with it? How is it used?

6. Argue for or against it: _____
   Take a stand and list reasons for supporting it.

Spend only 5 or 10 minutes on each side of the cube.



Cubing: Cut out the template along the solid lines. Fold along the dotted lines. Tape together the adjacent faces.



Think Dots

Know -

Understand -

Do -

●	● ●	● ● ●
● ● ● ●	● ● ● ●	● ● ● ● ● ●

Think Dots

Directions: At your table group, take turns rolling the dice and complete the learning task from the corresponding dot. If the first roll is something you don't want to do, you can roll a second time. It is alright if more than one person rolls the same number as each person's response will be individual.

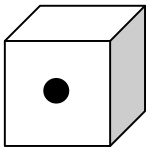
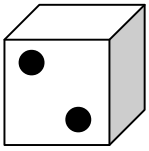
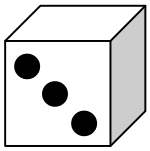
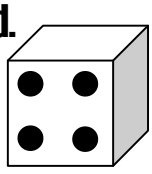
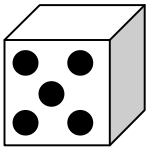
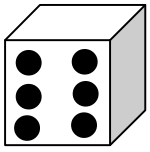
		
		

Fraction Think Dots: Explained

Fraction Think Dots…

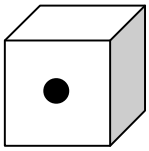
- give students the opportunity to explore the concept of fractions from the different levels of Bloom's Taxonomy.
- are tiered according to readiness (noted by the Solve It! Fraction Fun #1, #2, or #3) – 1 being more basic.
- allow students to apply what they have learned related to the concept of fractions in a variety of ways.

How to Use:	Variations:
1. Assign Fraction Think Dots according to student readiness. 2. Students roll a die to determine which activity to complete first and continue rolling until all activities are completed. 3. Students write/illustrate on accompanying Work Space sheet.	1. Assign a number value that will determine which activities a student chooses to complete. For example, if a number value of 12 is assigned, a student could complete Think Dot 6, 5, and 1. OR he/she might choose to complete 5, 4, and 2. 2. Have students roll to complete a specific number of activities (maybe only three).

Sort it Out Sort math words into two columns—those that directly relate to understanding and using fractions and those that do not relate. 	**The Definition is…** What is a fraction? Define a fraction using your own words and illustrations. 	**Why ask "Why?"** When adding fractions with like denominators, why MUST the denominator remain the same when writing the sum? 
"Riddle" or Not! Create a fraction riddle. Start with a general clue and end with a specific clue. Try your riddle out on a friend.  #1	**Work it Out!** Complete Fractions Fun #1. Make sure to check your work using the answer key. Rework problems as needed. 	**It's a Good Thing** Convince a fourth grader that it is a good thing to understand and be able to use fractions. Five at least 2 specific supports and create a visual example. 

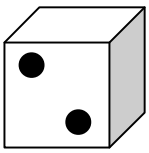
The Definition is...

What is a fraction? Define a fraction using your own words. Add an illustration if you like.



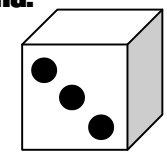
Same BUT Different

How are fractions and decimals similar and different? Use a "Same BUT Different" graphic organizer.



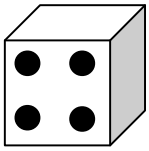
So the Story Goes

Create a fractions story using words and pictures. Share your fraction story and answer with a friend.



Created Equal?

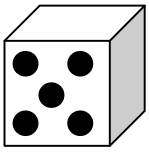
How do you know if a fraction is equal to ½? Equal to ¼? Write an explanation that could be understood by a third grader.



#2

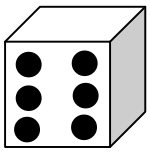
Work it Out!

Complete Fractions Fun #2. Make sure to check your work using the answer key. Rework problems as needed.



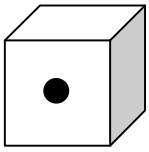
On Stike!

Oh no! Fractions have gone on strike! How can you convince them to return to "work"? You must give at least three "real" world supports.



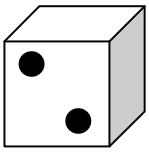
The Definition is...

What is a fraction? Define a fraction using your own words. Add illustrations if you like.



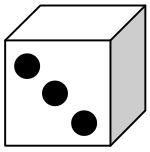
Got Skills?

Justify which is the most important life skill—being able to add and subtract fractions <u>OR</u> being able to multiply and divide fractions.



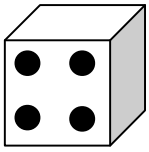
"Riddle" or Not!

Create two fraction riddles. Start with a general clue and end with a specific clue. Try your riddles out on a friend.



Draw!

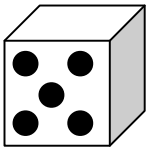
Draw a picture that shows how you can figure out 4/9 of 63. Write a short description of your picture.



#3

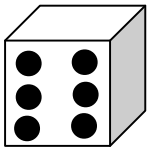
Compare/Contrast

Compare and contrast fractions, decimals, and percentages. Use a tri-venn diagram.



Work it Out!

Complete Fractions Fun #3. Make sure to check your work using the answer key. Rework problems as needed.



Fraction Think Dots #1: Work Space

Sort It Out

The Definition is…

Why Ask "Why?"

"Riddle" or Not?

Work it Out! Complete Fractions Fun #1.

It's a Good Thing

Fraction Think Dots #2: Work Space

The Definition is…

Same BUT Different

Same	BUT	Different
Same	BUT	Different

So the Story Goes

Created Equal?

Work it Out! Complete Fractions Fun #2.

On Strike!

Fraction Think Dots #3: Work Space

The Definition is…

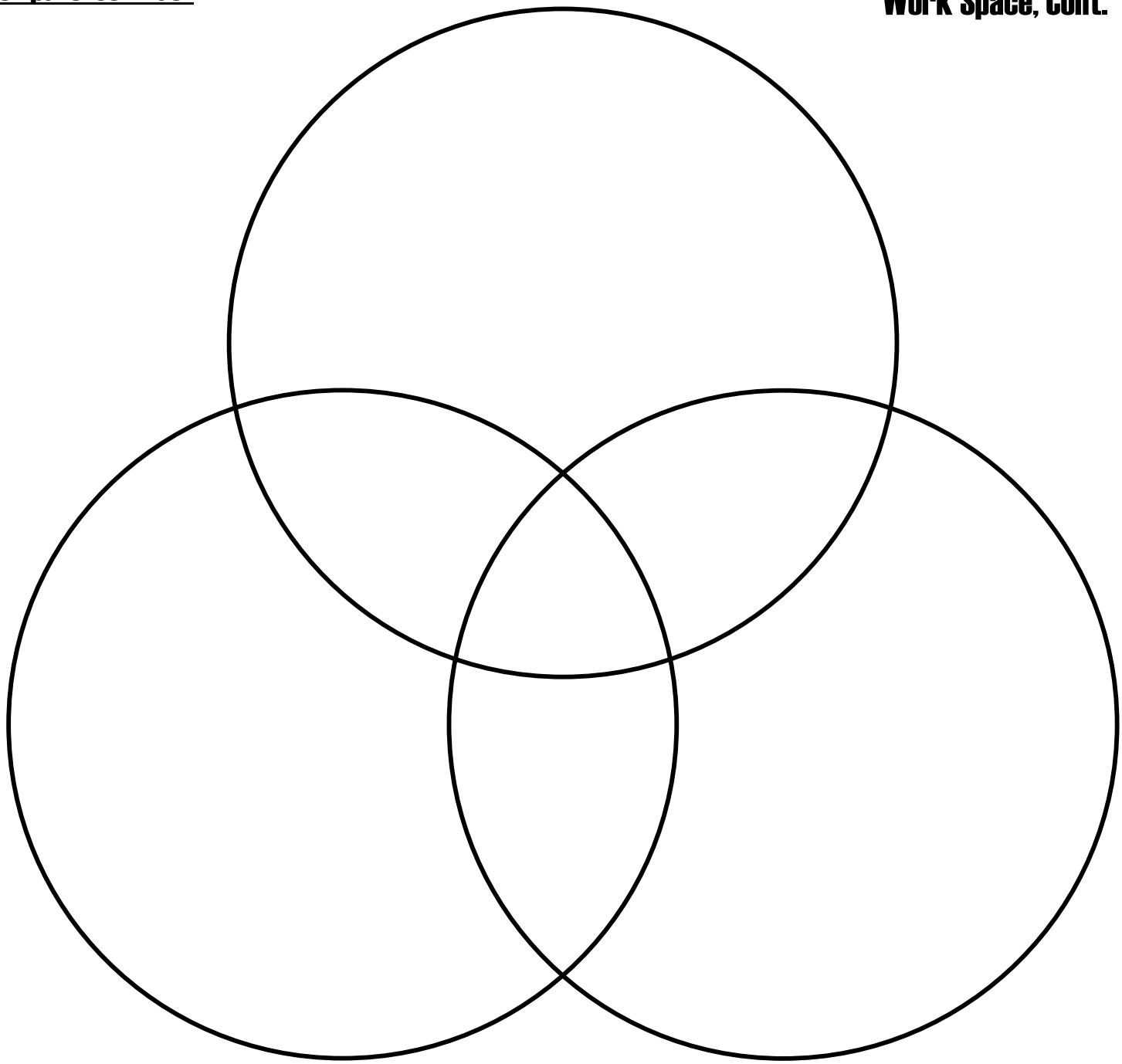
Got Skills?

"Riddle" or Not!

Draw!

Fraction Think Dots #3:
Work Space, Cont.

Compare/Contrast



Work it Out! Complete Fractions Fun #3.

Math Words: Cut and place in envelope at Fractions Think Dot center.

measurement	percentages	money
decimals	square	weight
probability	line graph	bar graph
pie graph	pictograph	right angle
line	parallelogram	ratios
gallon	area	perimeter
data	mode	range

Fraction Fun #1

Solve problems forming the path of a C, T, L, N, X, or O. Show all work and circle your final answers.

$\frac{6}{9}$ $+\ \frac{4}{9}$	$\frac{7}{8}$ $+\ \frac{2}{8}$	$\frac{12}{14}$ $+\ \frac{9}{14}$
$\frac{7}{8}$ $-\ \frac{3}{8}$	$\frac{10}{16}$ $-\ \frac{4}{16}$	$\frac{11}{12}$ $-\ \frac{2}{12}$
$7\ \frac{5}{8}$ $+\ 3\ \frac{2}{8}$	$12\ \frac{8}{10}$ $+\ 5\ \frac{6}{10}$	$13\ \frac{9}{15}$ $+\ 6\ \frac{3}{15}$

Write the steps you need to follow in order to add or subtract fractions with like denominators.

Fraction Fun #2

Solve problems forming the path of a C, T, L, N, X, or O. Show all work and circle your final answers.

$\frac{5}{12}$ $+\ \frac{1}{4}$	$\frac{4}{21}$ $+\ \frac{3}{7}$	$\frac{9}{6}$ $+\ \frac{8}{12}$
$\frac{8}{9}$ $-\ \frac{3}{6}$	$\frac{5}{7}$ $-\ \frac{2}{3}$	$\frac{3}{6}$ $-\ \frac{2}{4}$
$9\frac{5}{8}$ $+\ 3\frac{3}{24}$	$12\frac{8}{12}$ $-\ 6\frac{6}{9}$	$13\frac{8}{15}$ $-\ 6\frac{1}{3}$

Write the steps you need to follow in order to add or subtract fractions with unlike denominators.

Fraction Fun #3

Solve problems forming the path of a C, T, L, N, X, or O. Show all work and circle your final answers.

$\frac{4}{8} \times \frac{3}{6} =$	$\frac{3}{4} \times \frac{8}{11} =$	$\frac{16}{25} \times \frac{10}{24} =$
$\frac{4}{9} \div \frac{8}{12} =$	$\frac{3}{7} \div \frac{2}{9} =$	$\frac{3}{16} \div \frac{4}{12} =$
$3\frac{7}{36} \times 8\frac{9}{21} =$	$6\frac{12}{48} \times 4\frac{2}{3} =$	$3\frac{4}{9} \div 2\frac{7}{8} =$

Write the steps you need to follow in order to multiply or divide fractions.

Fraction

Think-Dots

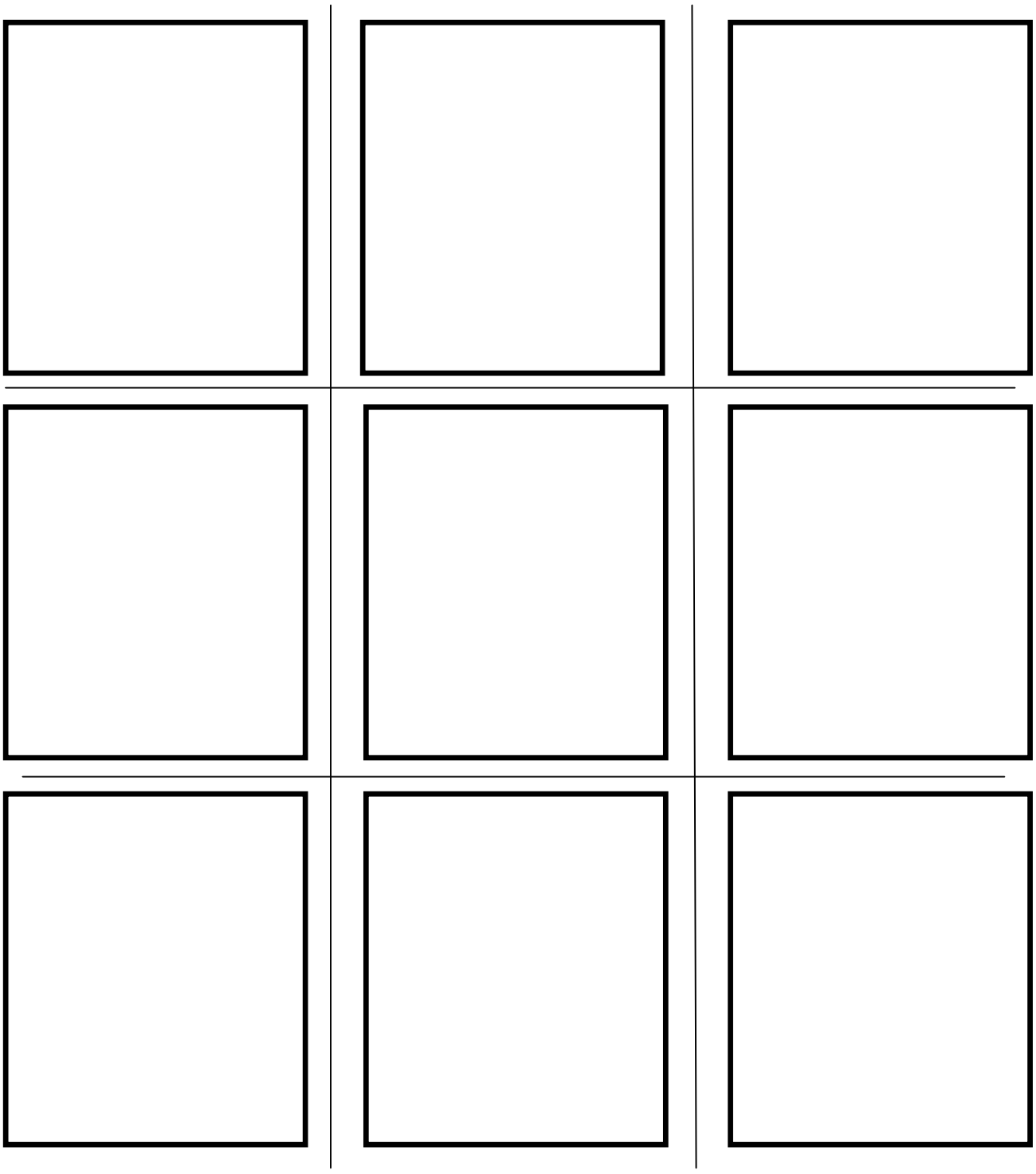
Fraction Think-Dots

Directions: Do your assigned option or choose one of the options below.

Option One:	Option Two:	Option Three:
Roll a die and complete the corresponding Think-Dot task. Roll 6 times.	Complete "Work it Out" and two other Think-Dots that you roll. If you roll "Work it Out", simply roll again.	Roll the die three times and complete each corresponding Think-Dot task.

Think Tac Toe

Choose three Activities. Be sure to get three in a row!



Think Tac Toe

Name_____

Animal Habitats - Linda Gross

Choose your own assignments! You must choose at least three activities in a tic-tac toe design. Color in each box as you complete each assignment. Have fun!

Create a poster supporting the protection of a non-domestic animal.	Make a collection of nursery rhymes or poems about one of the animals.	Read Brother Eagle, Sister Sky and find other articles regarding the effect of "civilization" on habitats.
Predict what would happen if one of the animals became extinct.	Prepare a diorama of a habitat and tape a discussion of the animals in the diorama.	Write an interview with an "animal".
Prepare a map of the migration pattern of one species.	Choose an animal that can be easily observed at home. Carefully watch 5-10 minutes and keep a record of the animals movements.	Investigate and report on the effect of climate on the animal.

Do you have ideas for alternate activities you'd like to do instead? Talk them over with your teacher. I prefer to do the following activity:

_____

_____

Student Signature_____