Math

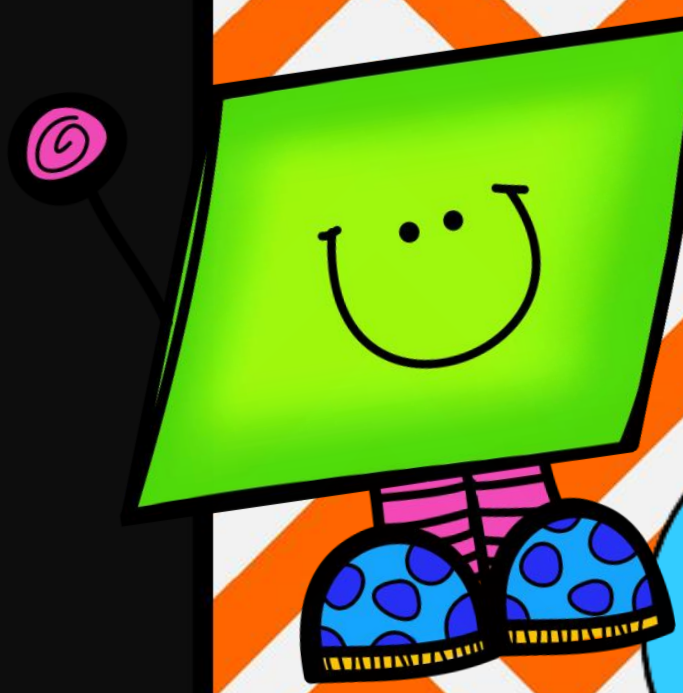
Interactive Journal

2. G.A.1, 2.G.A.2, 2.G.A.3

2-D & 3-D Shapes

Arrays

Fractions



2nd

Math

Interactive Journal

2.G.A.1, 2.G.A.2, 2.G.A.3

Geometry & Fractions

Table of Contents

★To fit pages in a composition Notebook shrink pages to 80% under Printer Preferences.

Interactive Journal

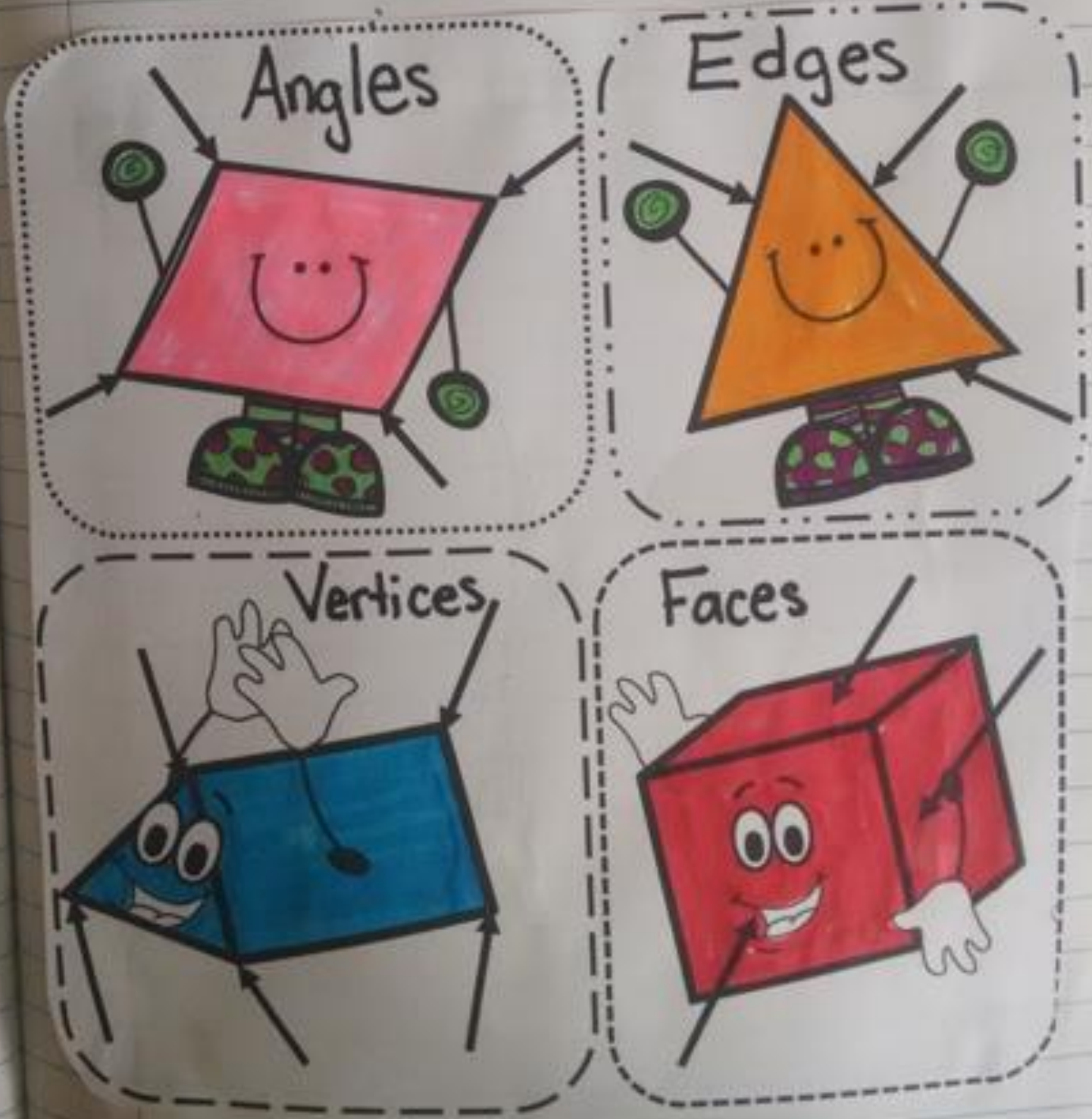
2-D & 3-D Shapes

2.G.A.1

I can recognize and draw shapes having specified attributes, such as a given number of angles or a given number of equal faces. Identify triangles.

2.G.A.1

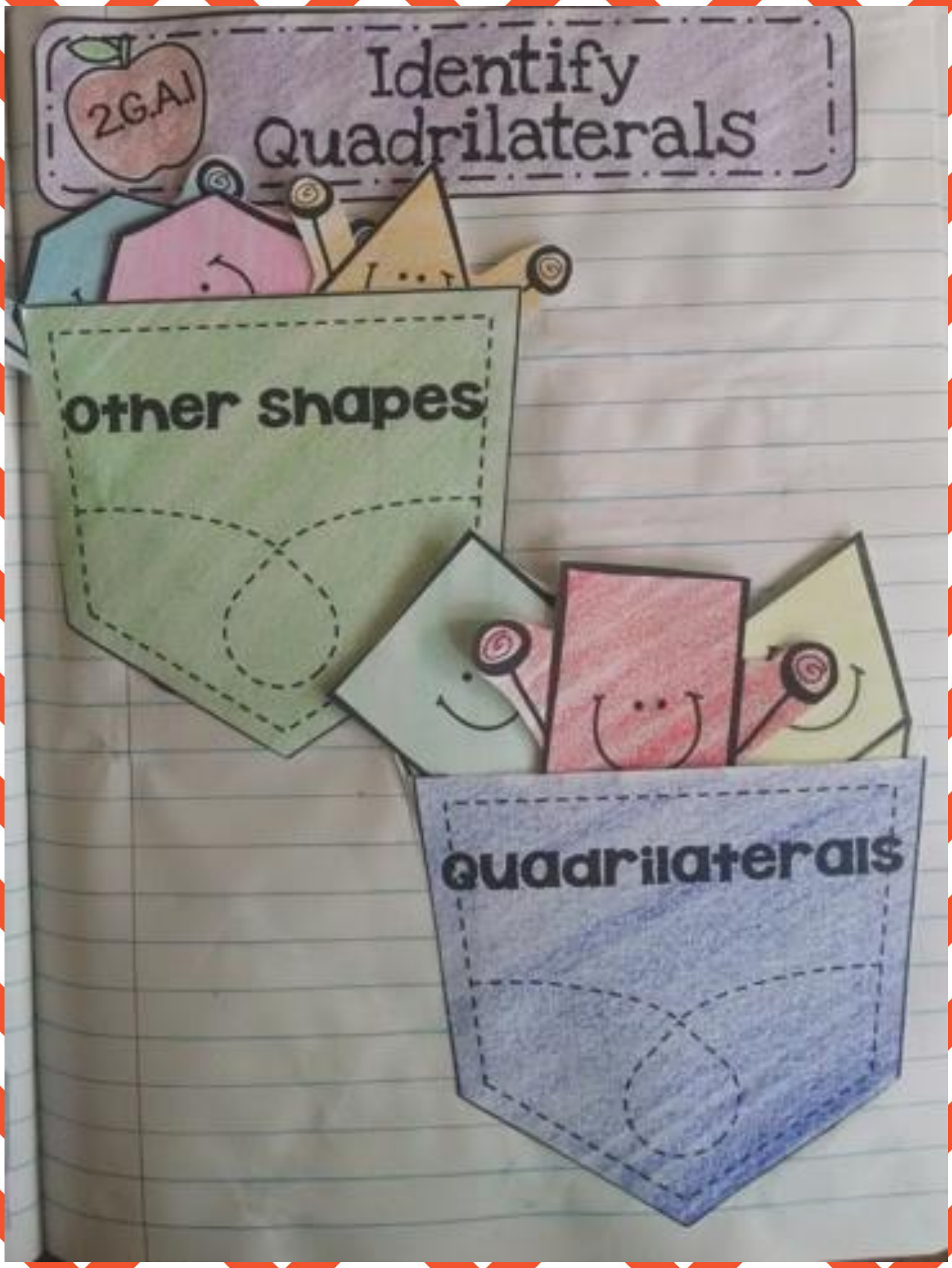
I can recognize and draw shapes having specified attributes, such as a given number of angles or a given number of equal faces. Identify triangles, quadrilaterals, pentagons, hexagons, and cubes.



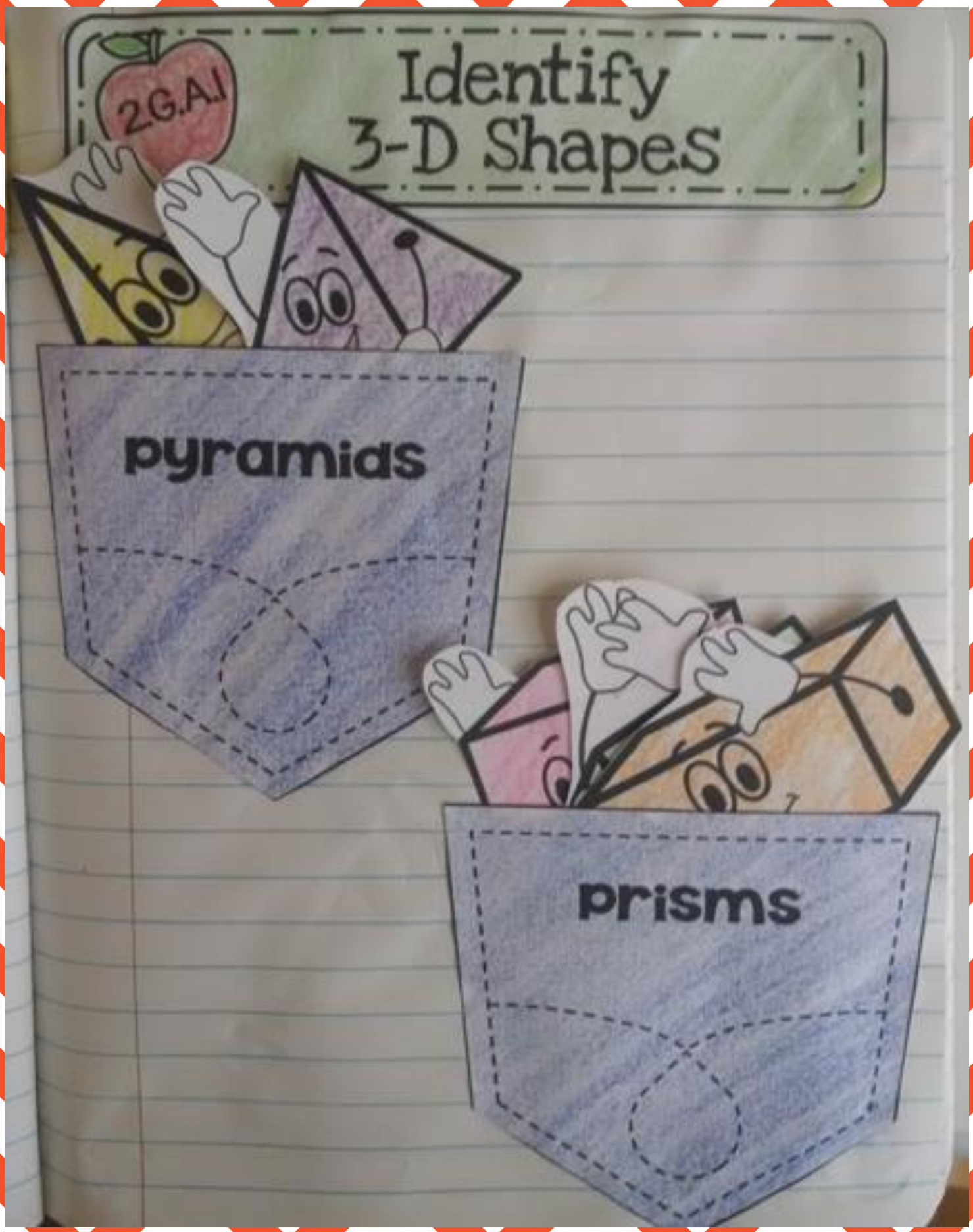

Key
Octagons & Trapezoids- Black
Parallelograms: Green
Triangles: Pink
Hexagons, Circles, And
Rectangles: Brown.


Key
Octagons & Trapezoids- Orange
Squares: Blue
Triangles: Green
Hexagons, Circles, and
Rectangles: brown
Parallelograms- Black


2G.A.1
Identify
2-D Shapes


2.G.A.1
Identify Quadrilaterals
other shapes
quadrilaterals


2.G.A.1
Identify
3-D Shapes
Shape Name
Cube
Rectangular
Pyramid


2G.A.1
Identify
3-D Shapes
pyramids
prisms

Interactive Journal

partitioning a Rectangle

2.G.A.2

I can partition a rectangle into rows and columns of same-size squares and count to find the total number of them. .

2.G.A.2

I can partition a rectangle into rows and columns of same-size squares and count to find the total number of them.

C

R O W

L

U

M

N

A R R A Y

A R R A Y

P A R T I T I O N

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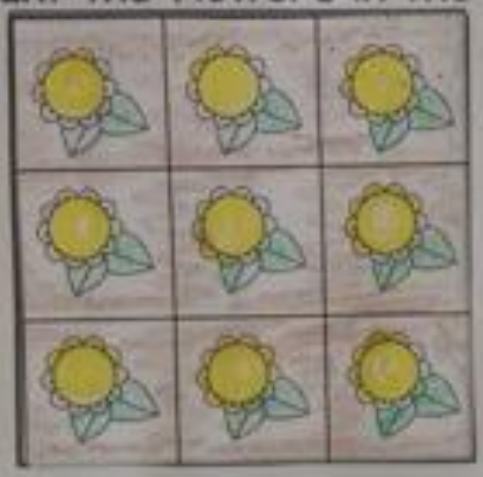
Garden Plots

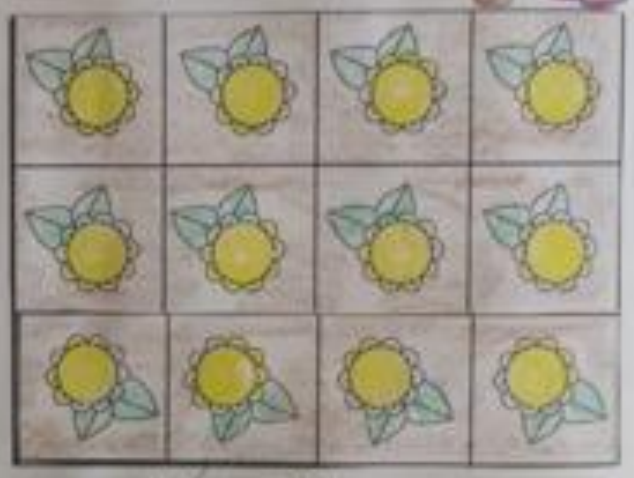
Plant the flowers in the garden dimensions given:



3 Rows, 3 Columns

Addition Equation: 3 + 3 + 3 = 9

How many flowers? 9



3 Rows, 4 Columns

Addition Equation: 4 + 4 + 4 = 12

How many flowers? 12

2 Rows, 5 Columns

Addition Equation: 5 + 5 = 10

How many flowers? 10

Interactive Journal

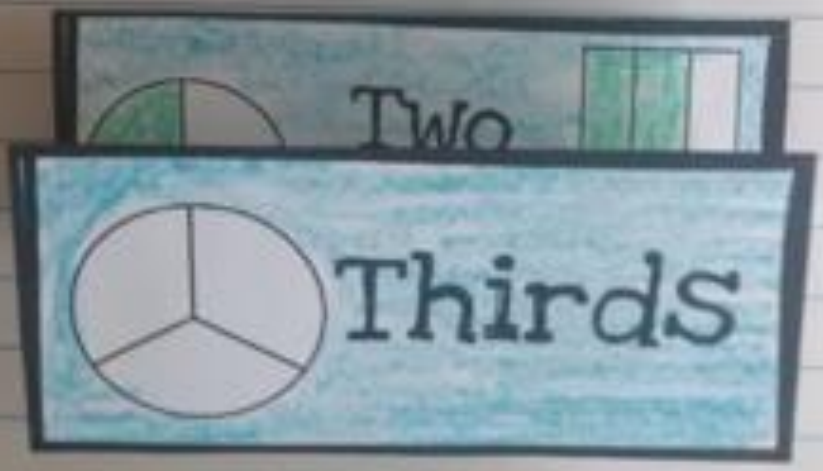
Fractions

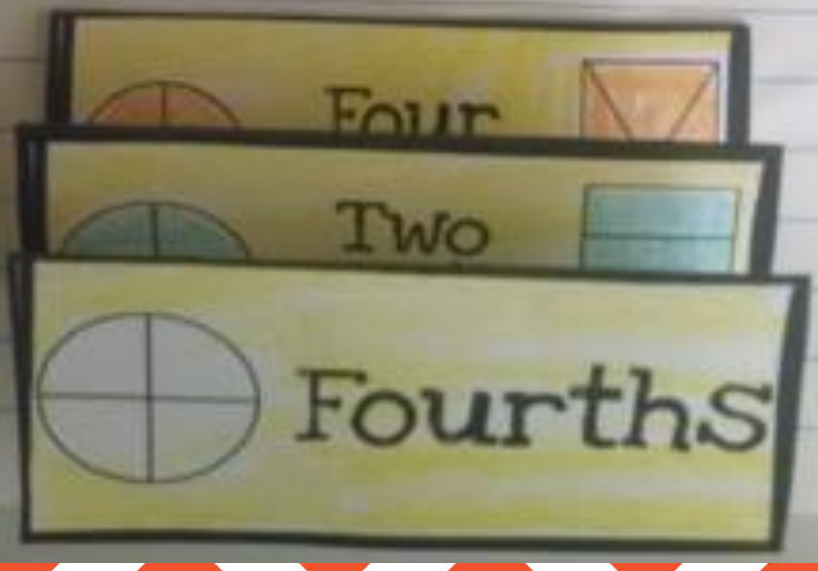
2.G.A.3

I can partition circles and rectangles into two, three, or four equal shares, describe the shares.

2.G.A.3

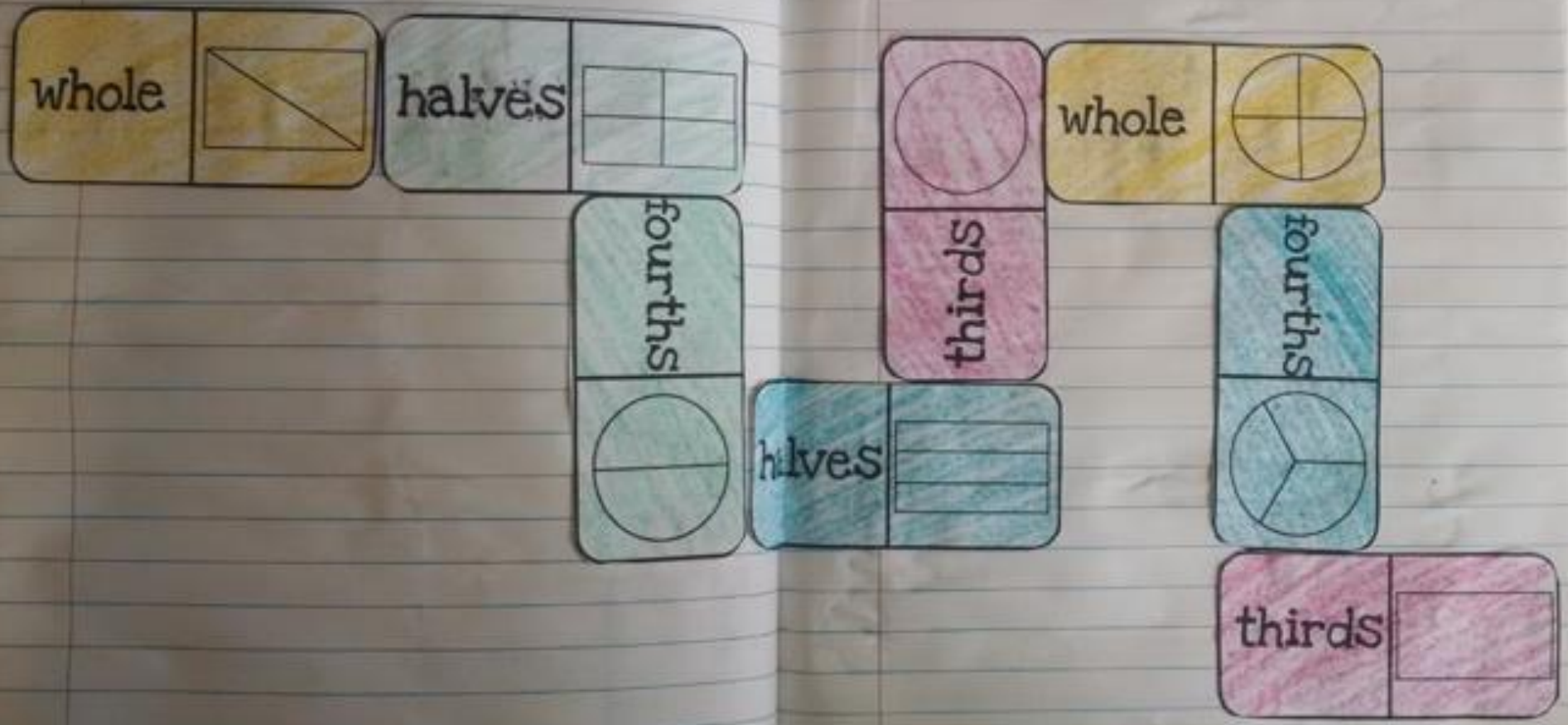
I can partition circles and rectangles
two, three, or four equal shares, descr
the shares.






Halves
Unequal Shares
Fourths
Thirds

2.G.A.3 Fraction Dominoes



2.G.A.3

Equal Shares of Same Size Wholes

Predict: Which half is bigger? Circle your prediction.

A. B. C.

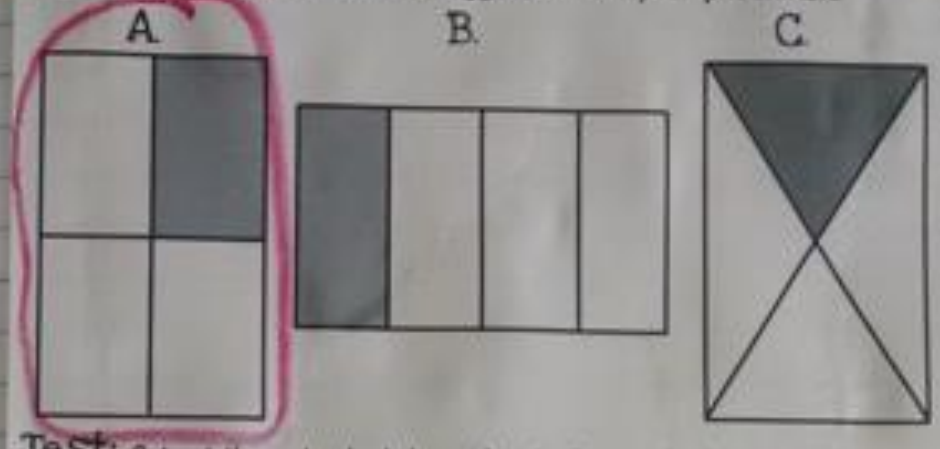
Test: Cut out the squares and triangles below and paste them on the fractions. How many squares did each shape take?

A. B. C.

• of small squares 2 • of small squares 2 • of small squares 2

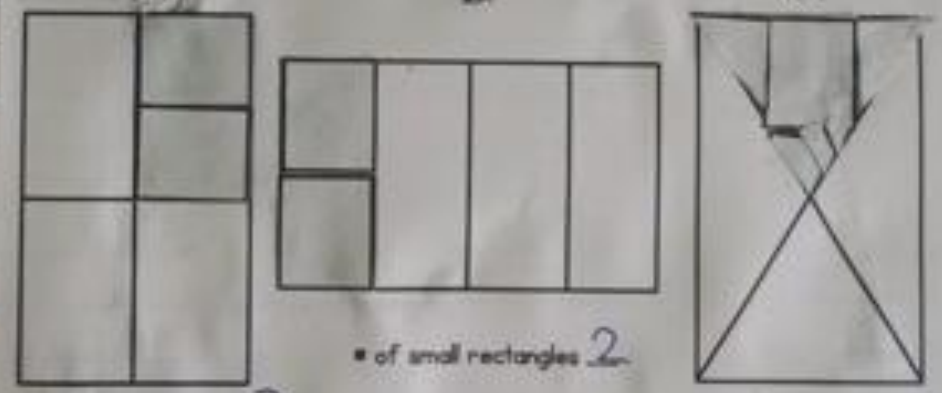
Predict: Which fourth is bigger? Circle your prediction.

A. B. C.



Test: Cut out the rectangles below and paste them on the fractions. How many rectangles did each shape take?

A. B. C.

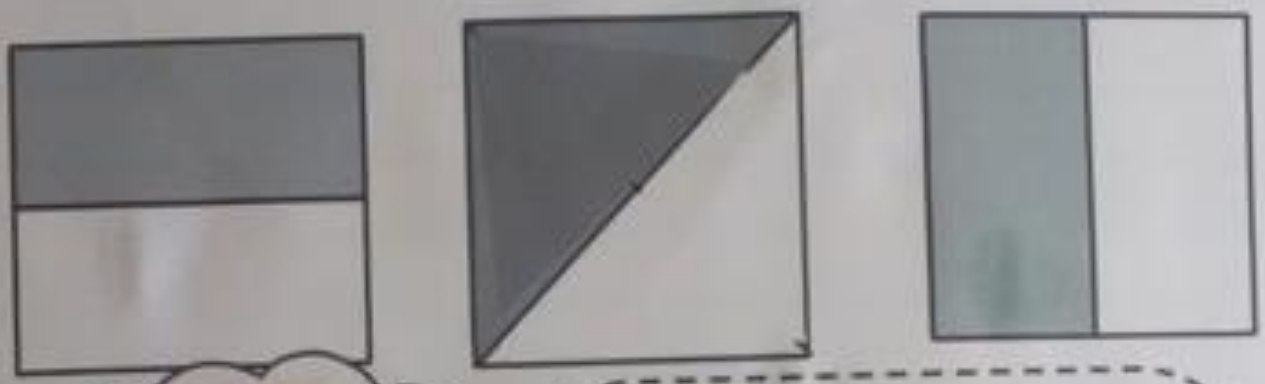


• of small rectangles 2 • of small rectangles 2 • of small rectangles 2

I learned that if the shape size and position are the same, the fraction pieces will be equal.

2.G.A.3 Assessment: Equal Shares of Same Size Wholes

A. B. C.



Explain to Tommy why his prediction about the above shapes is incorrect.

Tommy,

Your prediction is incorrect. All 3 shaded fractions are equal. I know this because all three shapes are equal and they each have ½ shaded. Shares of same size wholes are equal.