

Name: _____

The creature Design



Your creature design must include:

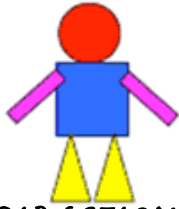
- Three quadrilaterals
- Twice as many triangles as quadrilaterals. Include at least one kind of each triangle (equilateral, scalene, obtuse, isosceles)
- Half as many regular pentagons as triangles.
- Two more octagons than pentagons
- Any number of irregular polygons
- At least one hexagon
- Any other appropriate designs or geometry if you choose

COLOR CODE

<u>Shape</u>	<u>Color</u>
Quadrilaterals	
Triangles	
Pentagons	
Hexagons	
Octagons	
Irregular Polygon	

NAME: _____

PARTNER'S NAME: _____



PAIR ANALYSIS

DIRECTIONS: LOOK AT YOUR PARTNER'S DESIGN AND WRITE ANSWERS TO THE FOLLOWING QUESTIONS.

1. WHAT KIND OF QUADRILATERALS DID YOUR PARTNER PUT IN THE DESIGN?

2. HOW MANY OCTAGONS DO YOU SEE IN THE DESIGN?

3. HOW MANY TRIANGLES DO YOU SEE IN THE DESIGN? DID YOUR PARTNER USE ALL FOUR KINDS OF TRIANGLES?

4A. WHAT KINDS OF IRREGULAR POLYGONS ARE IN THE DESIGN?

4B. WHAT MADE THE IRREGULAR POLYGONS IRREGULAR?

DIRECTIONS: DISCUSS THE FOLLOWING QUESTIONS WITH YOUR PARTNER.

1. WHAT MAKES THE TWO DESIGNS LOOK DIFFERENT? WHAT IS SIMILAR ABOUT THE TWO DESIGNS?
2. DID YOU BOTH DRAW THE SAME KINDS OF QUADRILATERALS? WHAT OTHER KINDS OF QUADRILATERALS COULD YOU HAVE DRAWN?

3. WHAT OTHER KINDS OF IRREGULAR POLYGONS COULD YOU HAVE DRAWN?
4. CAN YOU ENVISION WHAT YOUR PARTNER'S DESIGN WOULD LOOK LIKE IF IT WAS TWICE AS BIG?