

$$7\frac{2}{3} + 3\frac{5}{6}$$

You need: Markers or Crayons**Student Directions:**

1. You will be making a design or a picture out of pattern block figures. Each figure will have given a value.
2. You will trace the supplied pattern blocks to form your picture on a piece of construction paper.
3. Your design will consist of two separate objects - one with a value of seven and two-thirds and one with a value of three and five sixths.
4. **The following are the key rules to your design:**
 - A. Each part of your design must contain all 4 shapes.
 - B. No more than one half of your design can be any one color/shape.
 - C. Your design must use a total number of pattern blocks that is divisible by 3.
 - D. You must complete the design matrix page and attach it to the back of your construction paper.
 - E. You must have a title for your design.
 - F. Your design must have a key in the lower right hand corner of the project that explains the value of each pattern block shape in mathematical terms.
 - G. The final product must be neat and clean. You must outline your shapes in black marker.
5. **Suggestions:**
 - A. Lay your pieces out and decide on your design before you begin tracing.
 - B. Double check the rules above to be sure that you have completed all of them.

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SHAPE COLOR	SHAPE PICTURE	SHAPE NAME	SHAPE VALUE	NUMBER USED	TOTAL VALUE in SIMPLEST FORM	VALUE w/ COMMON DENOMINATOR
Yellow						
Blue						
Red						
Green						
				Total blocks:	Total value:	

Must simplify to $7\frac{2}{3}$

SHAPE COLOR	SHAPE PICTURE	SHAPE NAME	SHAPE VALUE	NUMBER USED	TOTAL VALUE in SIMPLEST FORM	VALUE w/ COMMON DENOMINATOR
Yellow						
Blue						
Red						
Green						
				Total blocks:	Total value:	

Must simplify to $3\frac{5}{6}$