

Name: _____

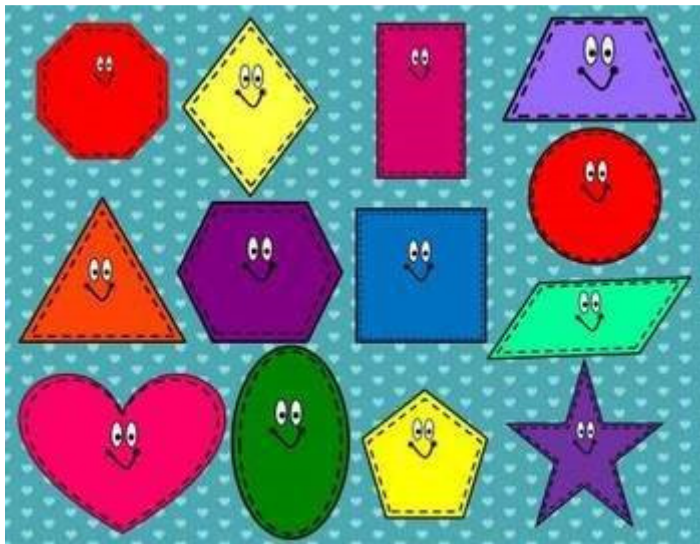
Date: _____

SET MODELS PROBLEMS

Solve the following problems.

1. QUESTION

Look at the set of shapes and then answer the following questions.



SORT ELEMENTS

five-thirteenths

two-thirteenths

four-thirteenths

eight-thirteenths

eleven-thirteenths

What fraction of shapes has four vertices?	
What fraction of shapes has less than six vertices?	
What fraction of the shapes are red and yellow?	
What fraction of shapes contains 90 degree angles?	
What fraction of the shapes does not have points?	

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2. QUESTION

Select the fraction and word name for the part of the set that is circled.



Answer = _____

3. QUESTION

A small commercial airplane has a seat capacity to carry 20 people. If the pilot landed in Barbados carrying full capacity and $\frac{3}{4}$ of the people alighted. How many people remained on the airplane?

Answer = _____

4. QUESTION

Mark has 25 colour pencils: 5 red, 6 orange, 8 blue, 2 yellow, and 4 green.

a. What fraction of colour pencils is red?

Answer = _____

b. What fraction of colour pencils is orange?

Answer = _____

c. What fraction of colour pencils is green?

Answer = _____

d. What fraction of colour pencils is yellow and blue?

Answer = _____