5) Which part of the rocket pattern stays the same? _____

   This part is called the _____.

6) Which part of the rocket pattern changes from stage to stage? _____

   This part is called the _____.

7) Try to think of a rule for figuring the total number of pattern pieces for any stage in the rocket pattern. Write your explanation.

   _____

   _____

   _____

There can be more than one rule to describe a pattern. If two different rules work, they are called <u>equivalent</u>.

8) Use the rule to find stage 20. _____

                    Stage 50 _____

                    Stage 75 _____

                    Stage 100 _____

   Enter the data for #8 into the table below:

Stage	Rocket Pieces + Puffs	Total
20		
50		
75		
100		