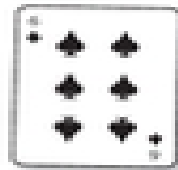
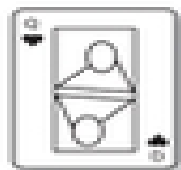
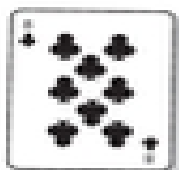


# Lucky 13 Challenge

The numbers from 1 to 13 can be formed using the four cards below (Queen = 12). You may use addition, subtraction, multiplication, division, place value, exponents, square roots, factorials, or even decimal points. The first two problems have been done for you. See how many you can find. Record your results below.



1  $(8 - 5) - (2 / 4) = 1$

2  $(12 - 4) / (8 - 5) = 2$

3 \_\_\_\_\_

4 \_\_\_\_\_

5 \_\_\_\_\_

6 \_\_\_\_\_

7 \_\_\_\_\_

8 \_\_\_\_\_

9 \_\_\_\_\_

10 \_\_\_\_\_

11 \_\_\_\_\_

12 \_\_\_\_\_

13 \_\_\_\_\_