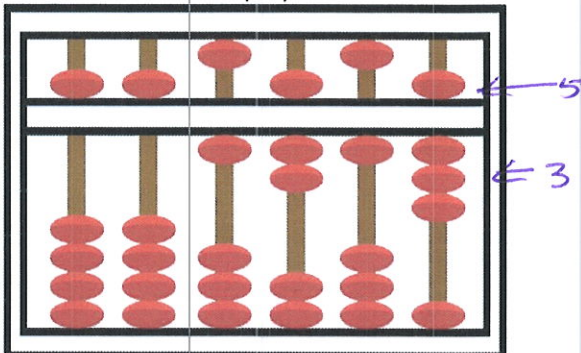


**Instructions:** Show all work. Use exact answers unless specifically asked to round. Be sure to complete all parts of each problem.

1. Write the number displayed on the abacus.



55,718

2. Find the product of  $723 \times 4198$  using the lattice method.

	4	1	9	8	
3 = 1+2	2	0	6	5	7
0 = 2+8	0	0	1	1	2
3 = 1+2	1	0	2	2	3
	<del>3</del>	0	5	4	
	+2	+1			
	5	1			

3,035,154

3. Write the number 523 in the indicated base.

a. Two (Binary)

1000001011

b. Five

4043

c. Hexadecimal (16)

20B