Number and Operations

Estimate each sum. Then find the exact sum.

1
$$29 \\ + 56$$

Estimate: _____

Exact Sum: _____

2
$$18 \\ + 41$$

Estimate: _____

Exact Sum: _____

3
$$182 \\ + 96$$

Estimate: _____

Exact Sum: _____

4
$$227 \\ + 191$$

Estimate: _____

Exact Sum: _____

Data Analysis and Probability

Max tosses two number cubes labeled 1 to 6 18 times. The table shows his results. Use the table to answer the questions.

Toss	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
First Cube	1	6	5	4	6	1	2	4	3	3	1	1	2	5	2	4	3	6
Second Cube	3	6	2	4	4	5	2	1	2	3	6	5	3	5	1	2	4	2
Sum	4	12	7	8	10	6	4	5	5	6	7	6	5	10	3	6	7	8

5 What is the largest possible sum? _____

6 What is the smallest possible sum? _____

7 What is the most common sum? _____

8 How many times did Max get the most common sum? _____

9 Which sums do you think are most likely when you toss two number cubes and add the top numbers?

_____