: Directions: Roll a number cube twice and record the numbers you rolled. Find the sum.
: Then find the commutative fact (turn-around fact).

| Roll 1 | + | Roll 2 | $=$ | Commuta | ati | ve Fact |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | + + |  |  |  | + |  |
|  | + + |  | = |  | + |  |
|  | + + + |  | $=$ |  | + |  |
|  | ++ |  |  |  | + |  |
|  |  |  | $=$ |  | + |  |
|  | + + |  | $=$ |  | + |  |

## Making Sums

The objective it to make a sum of $6,7,8,9$, or 10.
Have students work with a partner to roll a die and record their roll in the first box. They then need to figure out the missing addend to make the given sum. (Support students by providing manipulatives)

Students can evaluate the results and look for patterns among the responses.
Debrief and discuss strategy to build number sense.

Directions: Roll a number cube and record the number you rolled. Figure out the missing part to make a sum of 6 .


Directions: Roll a number cube and record the number you rolled. Figure out the missing part to make a sum of 7 .


Directions: Roll a number cube and record the number you rolled. Figure out the missing part to make a sum of 8 .


| Roll | + | Missing Number | $=8$ |
| :---: | :---: | :---: | :---: |
|  | + |  | $=8$ |
|  | + |  | $=8$ |
|  | + |  | $=8$ |
|  | + |  | $=8$ |
|  | + |  | $=8$ |
|  | + |  | $=8$ |

Directions: Roll a number cube and record the number you rolled. Figure out the missing part to make a sum of 9 .


Directions: Roll a number cube twice and record the numbers you rolled. Find the sum. Look for patterns: color doubles facts red and doubles +1 blue .


