



## Dice -- Ideas for Home Grades K-2

### Number Identification/Place Value

- Roll one die. Count the dots, say the number, and practice writing the number.
- Roll the dice and make a two digit number such as 36. Then ask about how many tens (3 tens = 30) and how many ones (6 ones).

### Comparing

- Roll the dice. Compare the two numbers. Which is the least? Which is the greatest?
- Roll the dice. Create a two digit number (roll a 5 and a 2, write the number 52). Roll the dice again and create another two digit number. Use  $<$ ,  $>$ , or  $=$  to compare the two numbers.

### Addition/Subtraction

- Counting on strategy -- Roll one die. Write down the number. Roll the second die and count on to add them.
- Roll one die. Draw that many circles. Roll the other die and draw that many squares. How many shapes do you have? Write the number.
- Roll both dice. Add the two numbers.
- Roll both dice. Determine the greater number and then write and solve a subtraction problem.
- Money- Roll both dice and count out that many coins using a variety of coins (pennies, dimes, nickels, quarters). Determine the value of your coins.
- Roll the dice. Create a two digit number (roll a 5 and a 2, write the number 52). Roll the dice again and create another two digit number. Add or subtract the two created numbers.