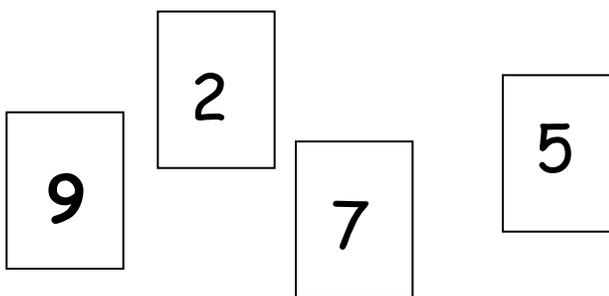


Go Digit!



Divide the children into groups of three. (If the count does not come out even, some children may play two roles.) Tell the children they should each write a digit (0 – 9) on a sheet of paper. Each child will write two digits. When you say “Go-Digit,” each group arranges its six digits in any order to make a six-digit number. The groups then score points according to the questions you ask. For example, one group with 3, 2, 1, 2, 7, and 8 as its digits, might arrange them to make the number “728,312.”

Ask the groups of children several questions about their numbers. Each group that can answer “Yes” scores a point. The number cannot be changed until you say “Go-Digit” again.

Suggested questions:

- Do you have an 8 in the thousands place?
- Do you have a 3 in the tens place?
- Do you have an odd digit in the hundred thousands place?
- Do you have a larger digit in the thousands place than in the tens place?
- Do you have a digit in the ten thousands place that is smaller than the digit in the tens place?

Say “Go-Digit” again and have the children rearrange their digits to form a new number. Ask the children questions about the new numbers. When you feel the children have had enough practice, have the groups total their points. The group who has the most points wins.

Make up a list of questions to use with the game to have a variety of numbers that can win (larger, smaller, odd, even, etc.)

What's my number?



A.

--	--	--	--	--	--

B.

--	--	--	--	--	--

C.

--	--	--	--	--	--

D.

--	--	--	--	--	--

E.

--	--	--	--	--	--

F.

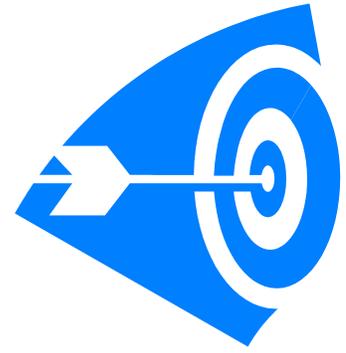
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G.

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Directions: Each player needs a gameboard. Decide ahead of time whether the larger number or the smaller number wins each round. Take turns rolling one die. (Use a ten-sided die with digits 0-9 if possible.) Both players write the digit rolled in a box on row A. Once a digit is placed, it cannot be moved. When all six digits are placed, the players determine whose number is larger (or smaller). That person wins that round. The game can be played with a large group or with a pair of players.

Today's target is



Try to make today's target in each of these ways.

1. As the sum of two numbers
2. As the difference of two numbers
3. As the product of two numbers
4. Dividing one number by another
5. As the sum of three numbers
6. As the product of three numbers
7. Multiplying and subtracting
8. Using fractions
9. Using decimal numbers
10. Doing it an unusual way