



• Math in the Real World •



Math in the Real World: Division

Look for opportunities while doing activities around the house or running errands to ask your child to solve problems that follow this format:

“How many ____s are there inside of ____?”

Help your child understand that when we divide, we’re finding out how many times one value can go into another value.

Example:

“We have 12 feet of string.
How many yards go into 12
feet?”

Example:

“This sandwich costs \$2.00.
How many dimes are there in
\$2.00?”

Division Activity: Dividing Counters

Use buttons, beads, tokens, or other small, countable objects to explore whether a big number can be divided evenly into groups of a smaller number.

Materials:

- white board or chalk board
- dry erase marker or chalk
- two six-sided dice
- counters

Instructions:

1. Count out a number of counters between 20 and 100.
2. Roll the dice, add them together, and draw that number of circles on the white board.
3. Make a guess about whether you can divide your big number by your small number without any leftovers.
4. Sort your counters into the circles to test for divisibility.