

Lesson: Division Pigeon

Topics: elementary division

Grade Level: 3-4

Vocab: quotient

Materials:

Graph paper

Scissors

Counters (any type)

Construction paper/glue sticks

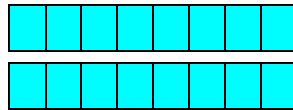
Activity: Read Division Pigeon Poem

Students use counters to represent 16 pigeon eggs.

Question: What ways can 16 eggs be divided into equal groups?

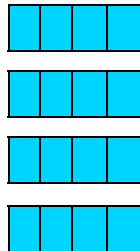
Students take time to discover all possible equal groups.

For example: 2 groups of 8 eggs each:



16 divided by 8 is 2, $16 \div 8 = 2$

Or 4 groups of 4 eggs each: $16 \div 4 = 4$



Activity II: Make a Division Poster: Choose different amount of pigeon eggs and draw them on graph paper. Underneath, students will cut graph paper squares to show different equal groups of eggs and write an appropriate division sentence.

Extension: Remainders:

How would 17 eggs be divided equally?