

# Numerical Names

**Grades:** 2-5

**NGSS:** 5-PS1-1 Matter and Its Interactions

**Materials:** donuts/donut holes,  
Numerical Names Worksheet

**Skills:** critical thinking, comprehension

**Subject:** Chemistry

**Background:** When it comes to describing things numerically, there are plenty of number names throughout the English language that can be used. *Mole and Tell* highlights one of those numbers: the mole, which is used to describe the amount of molecules in a substance. In this pre-reading assignment, your students will be introduced to a multitude of words that are used all the time to describe a quantity.

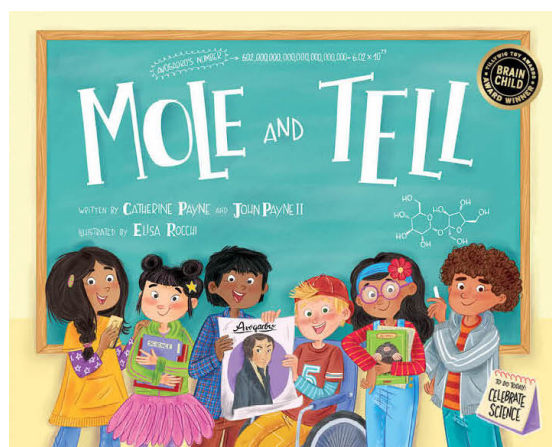
## Activity:

1. Discuss how cookies, donuts, cupcakes, soda, etc. that you get from the grocery store usually contain a very specific amount that comes in each package.
2. Explain to the students that 12 items can be called a dozen, and that's why if you have six of something it's a half dozen. Two dozen would be 24, and so on. (ex. 13 is a Baker's dozen, due to the fact the medieval bakers would include a 13th loaf of bread to ensure they were not selling underweight bread.)
3. Hand out the Numerical Names pairing worksheet. Explain that the students will be matching the word with the quantity described.
4. Give your students an adequate amount of time to complete the worksheet and then rejoin to discuss the answers.

**Discussion:** What is the numerical equivalent of "twice"? Which of these words surprised you the most? What are some other words that have a number associated with them? Why do you think it's important to have words like these to describe things rather than using just a number? What do you think a mole measures? Can anyone guess how big or small the number really is?

# Activity Answers

- Couple – 2
- Hat-trick – 3
- Dozen – 12
- Score – 20
- Grand – 1,000
- Myriad – 10,000



This activity was excerpted from the Teacher's Guide to  
*Mole and Tell*

English:

Hardback: 978-1-958629-11-6

Paperback: 978-1-958629-10-9

eBook: 978-1-958629-12-3

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## Numerical Names Worksheet

Match each measurement word to the number it describes.

Couple 20

Hat-trick 1,000

Dozen 2

Score 12

Grand 10,000

Myriad 3