

# Number Story Question Stems-Repeated Equal Groups

Teacher Note: The question stems below can be used in any lesson that involves word problems describing the process of comparing two unique sets.

**Example Number Story- There are twelve cookies on the counter. If you are sharing them equally between 3 bags, how many cookies will go in each bag?**

<https://files.nc.gov/dpi/documents/curriculum/mathematics/scos/current/3rd-unpacking.pdf>

**What is the math main idea?**

- *The story describes a group of cookies being decomposed into 3 equal groups.*

**What group are we decomposing or partitioning?**

- *We are decomposing a group of cookies .*

**What is the story setting?**

- *The story takes place on a counter.*

**Is there an action in the number story?**

- *Yes. The action is sharing.*

**What Structure of Equality is helpful when a number story describes composing equal groups to form a total or like this one, decomposing a total into equal groups?**

- *When a number story describes decomposing a total into equal groups, we can use a Repeated Equal Groups SoE or a Parts Equal Total SoE.*

**What is the total amount of cookies we are decomposing into equal groups?**

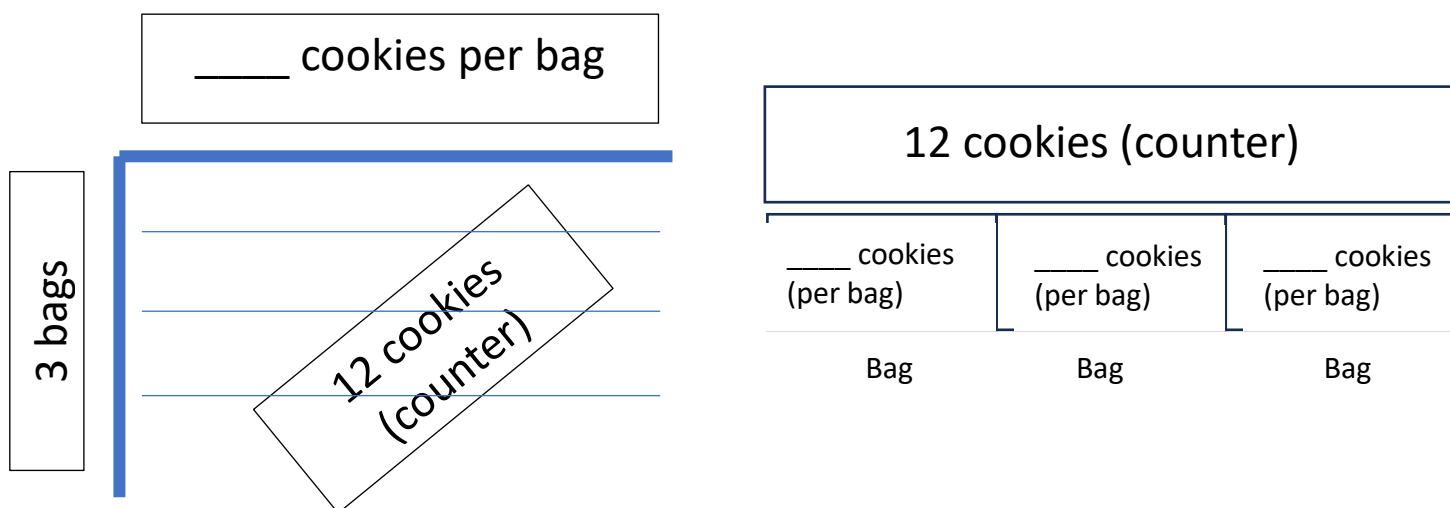
- *We are decomposing 12 cookies.*

**What are the 3 components of all SoEs?**

- *All SoEs must have values, labels and represent the equality relationships occurring in the story .*

**What are the values and labels?**

- *The values and labels are 12 cookies (counter), 3 bags/bag, and cookies per bag.*



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