

## Unit 4 Lesson 2: Keeping the Equation Balanced

### 1 Notice and Wonder: Hanging Socks (Warm up)

#### Student Task Statement

What do you notice? What do you wonder?

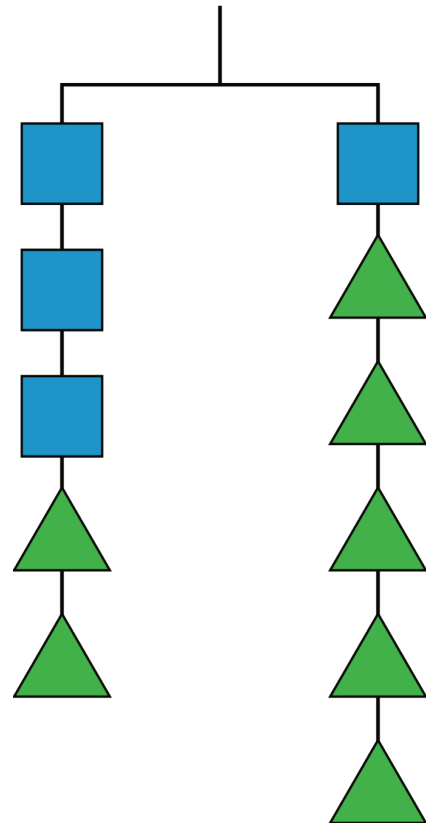


## 2 Hanging Blocks

### Student Task Statement

This picture represents a hanger that is balanced because the weight on each side is the same.

1. Elena takes two triangles off of the left side and three triangles off of the right side. Will the hanger still be in balance, or will it tip to one side? Which side? Explain how you know.
2. If a triangle weighs 1 gram, how much does a square weigh?



### 3 More Hanging Blocks

#### Student Task Statement

A triangle weighs 3 grams and a circle weighs 6 grams.

1. Find the weight of a square in Hanger A and the weight of a pentagon in Hanger B.
2. Write an equation to represent each hanger.

