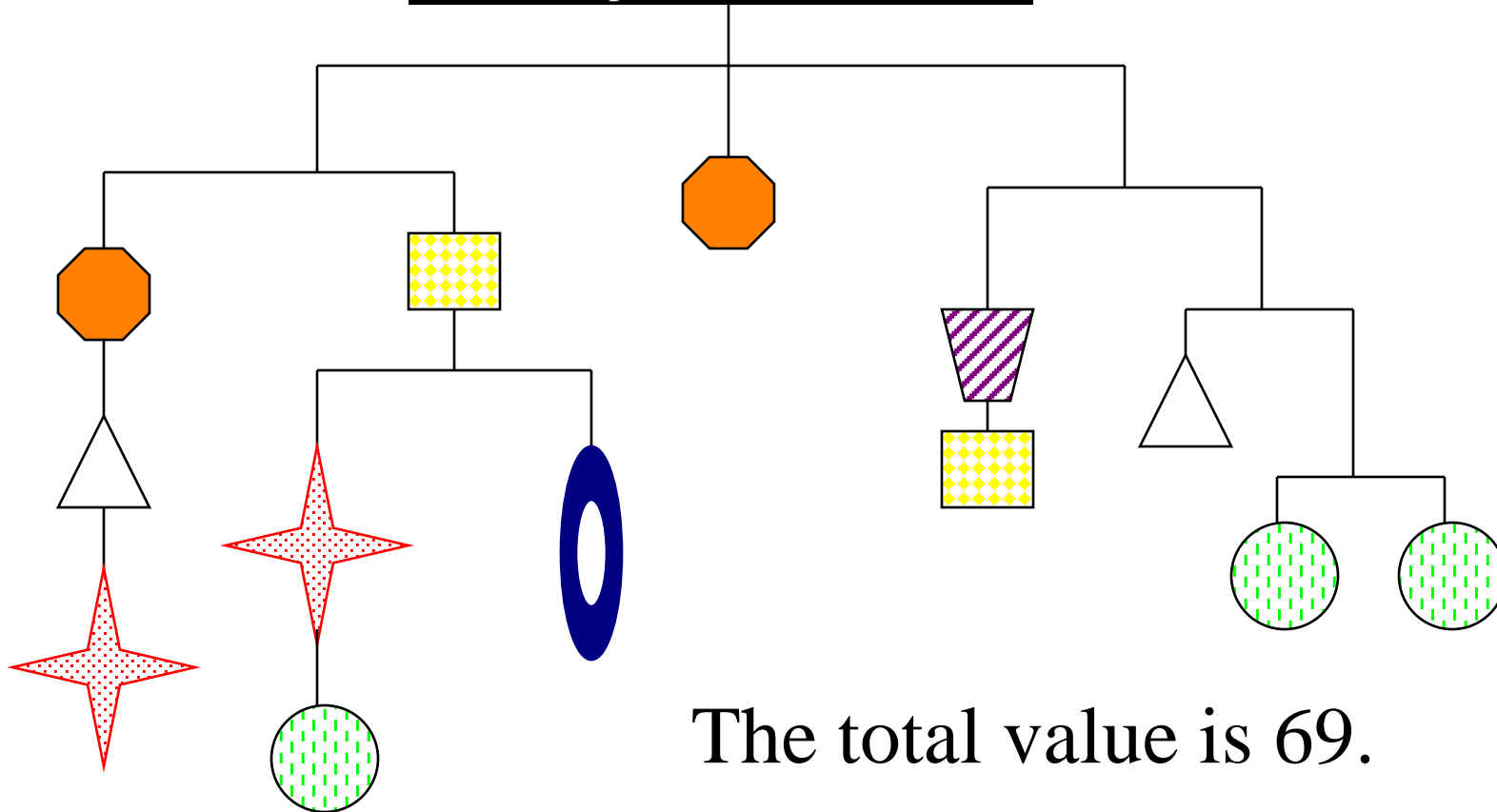


Balance Puzzles

Sample Balance Puzzle



The total value is 69.

This is based on puzzles from In the Balance: Algebra Logic Puzzles Grades 4-6.

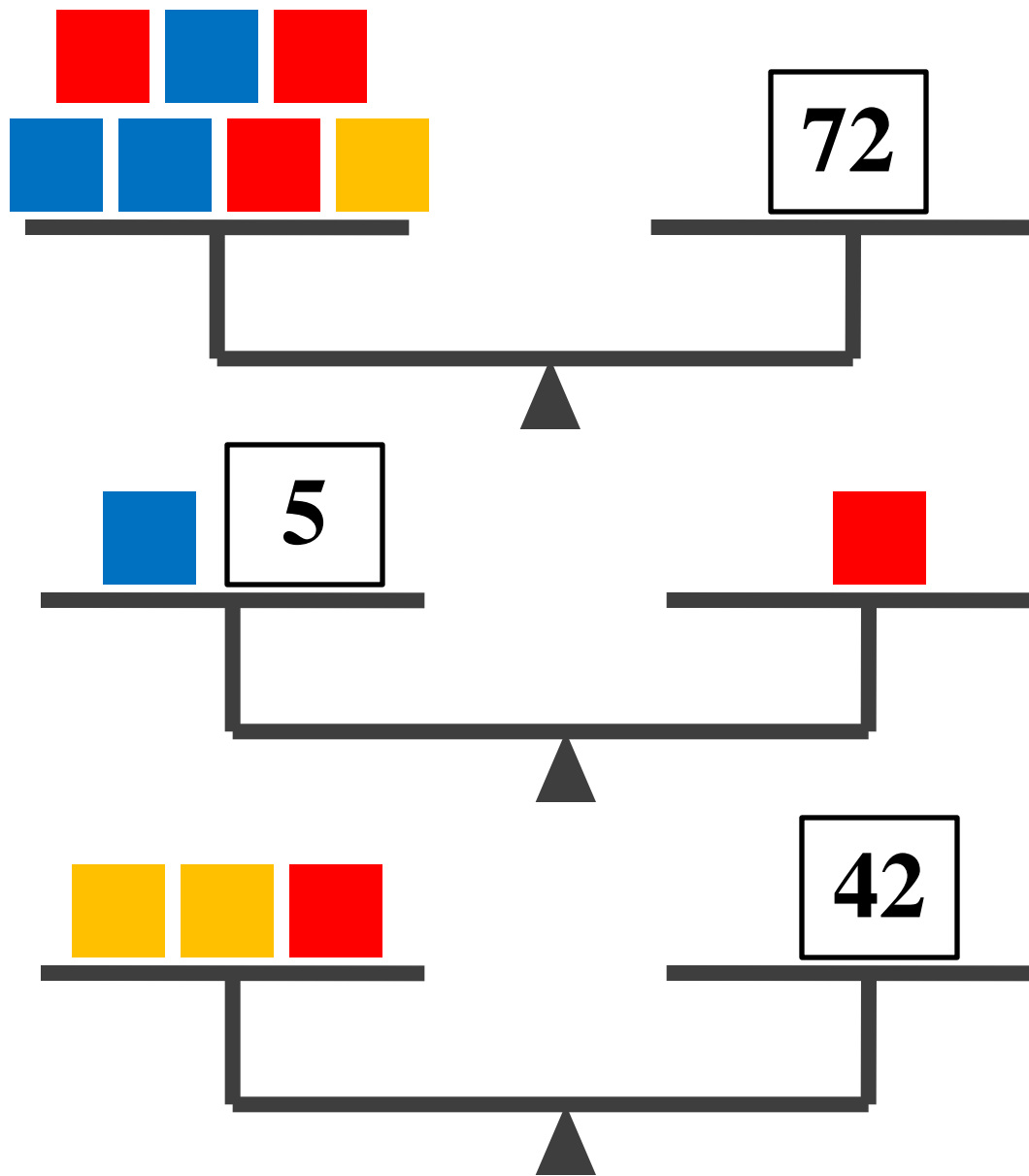
We will discuss the value of these puzzles and how you can develop your own!

Do Algebraic Reasoning and Critical Thinking Have Strong Connections? Yes!

Leanne Luttrell

NCTM Annual Conference 2012

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Model this using color tiles. Each color has a unique, consistent weight.

What is the value of each color?

Discuss this with others at your table. How would students solve this? What concepts does this help them understand on a conceptual level?

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