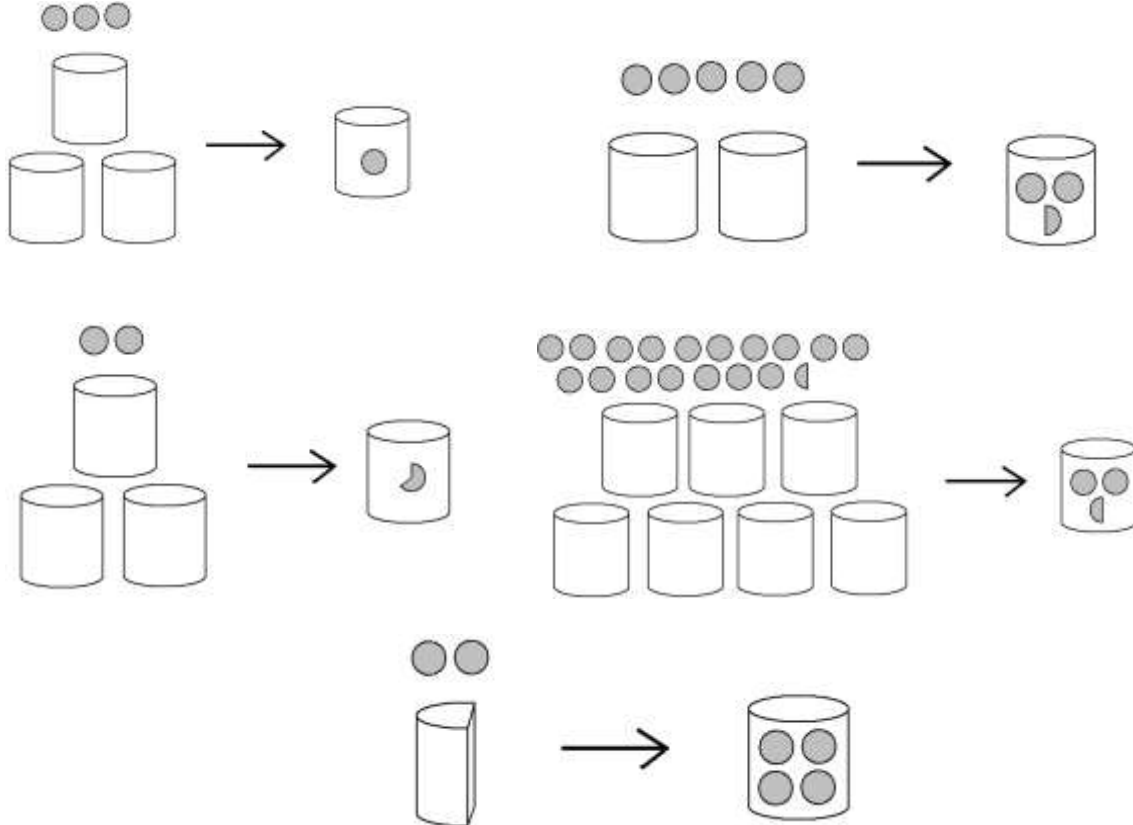


WITHOUT WORDS

Mathematical Puzzles to Confound and Delight



WW 11: SOLUTION



If there are two balls per half a bin, then there must be four balls for each full bin!

For help with fractions and to learn how to think about them in fun, but real, ways, see *MATHEMATICAL THINKING: Explorations 1-6* (www.lulu.com/shop/james-tanton/mathematical-thinking-explorations-1-6/ebook/product-17467339.html). Or look at the essay at www.jamestanton.com/?p=1461. There you will see the natural way to think about annoying problems such as:

- If $4\frac{2}{3}$ pies are shared equally among $3\frac{6}{11}$ girls, how many pies does each (whole) individual girl receive?
- In a certain town $\frac{4}{5}$ of the men are married to $\frac{7}{11}$ of the women. What fraction of the adult population is married?

and so on.