

Singapore Math

Advantages

- Long units - 2 to 6 weeks
- Concept development:
concrete to abstract
- Excellent enrichment materials
- Strong mental math component
- Visual approach to word problems

$$18 + 15 =$$

$$18 + (10 + 2 + 3) = 33$$



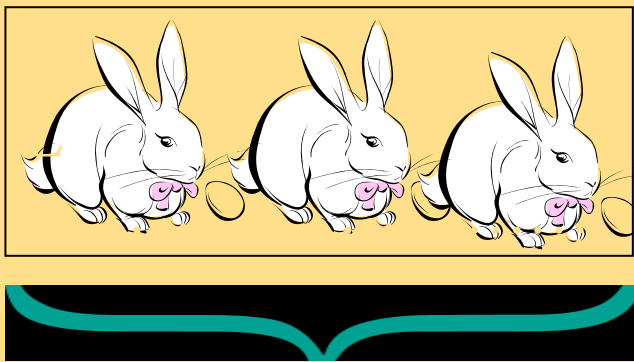
$$18 \times 5 =$$

$$9 \times \underbrace{2 \times 5}_{= 10} = 90$$

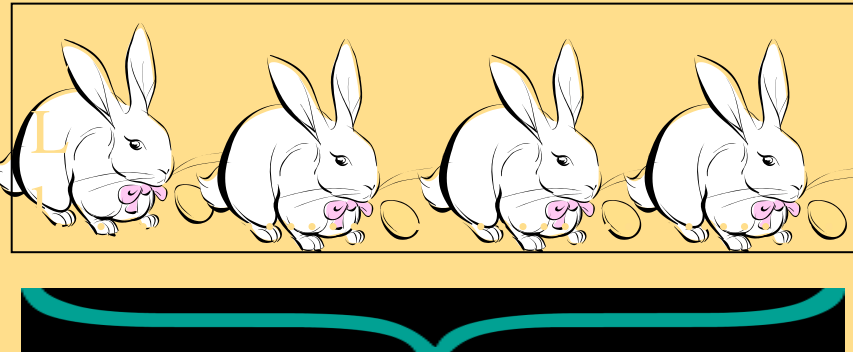
• Word Problems

A Model-building Approach

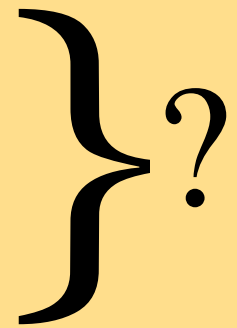
Beginning with Symbols



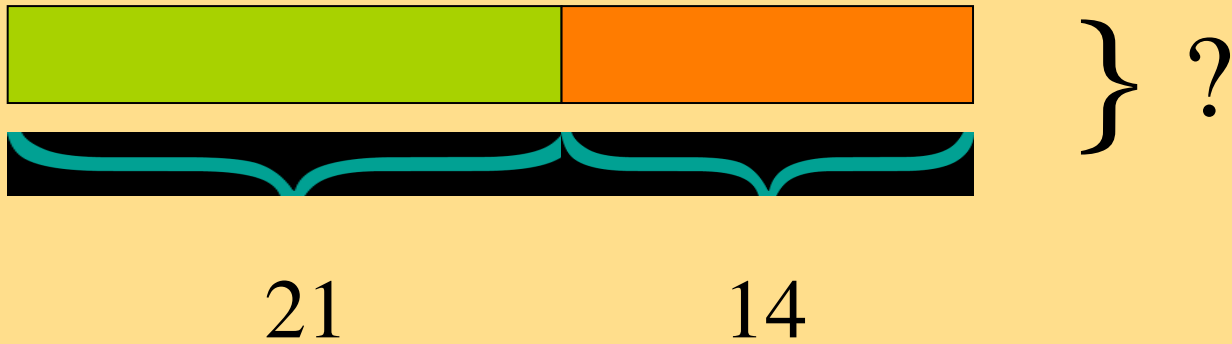
3



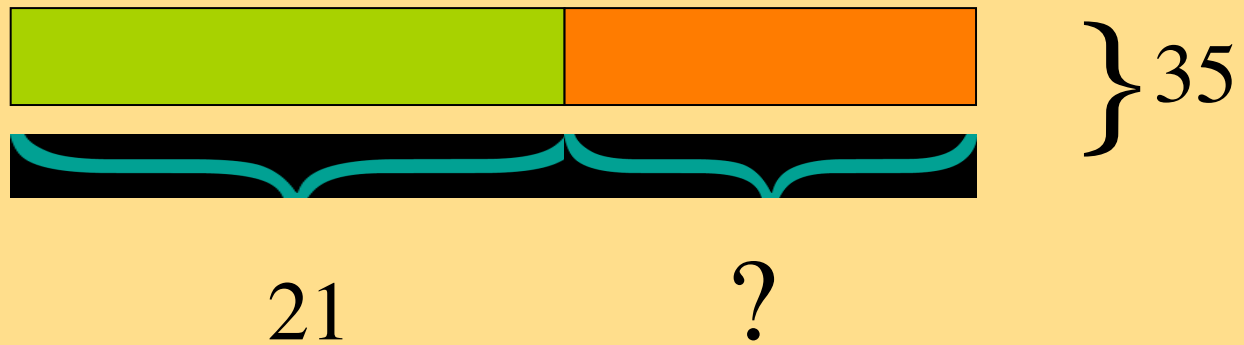
4



Parts and Whole



Parts and Whole



Comparing Two Quantities

18



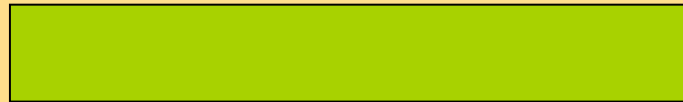
13



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Comparing Two Quantities

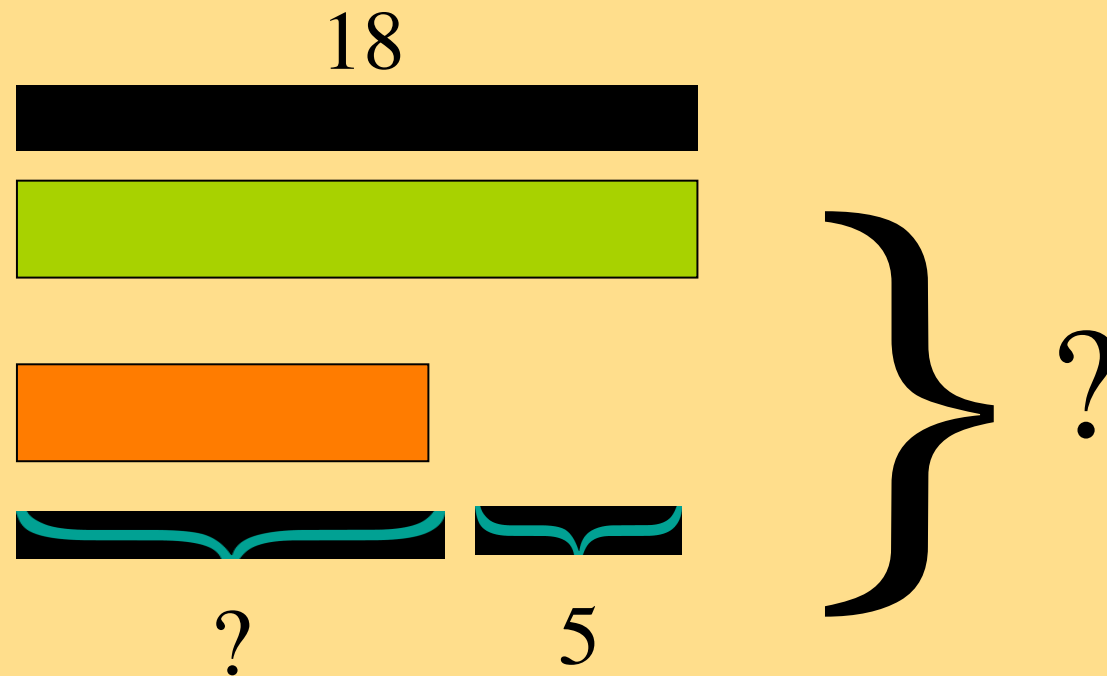
18



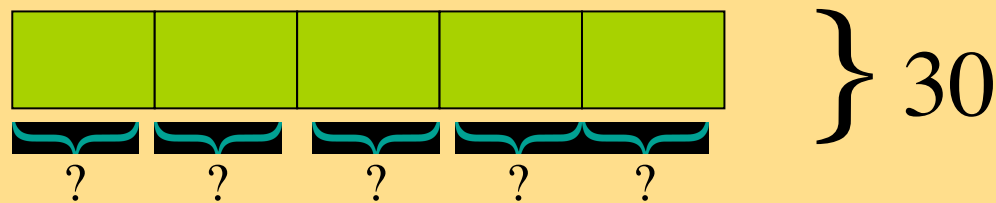
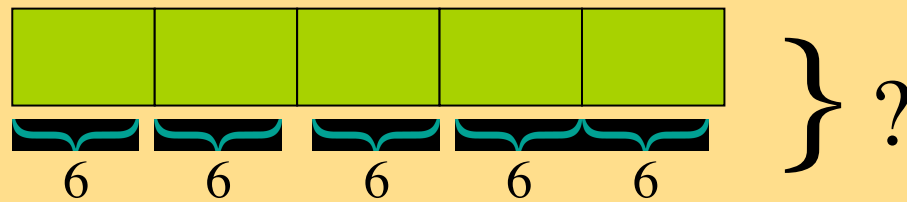
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Comparing Two Quantities

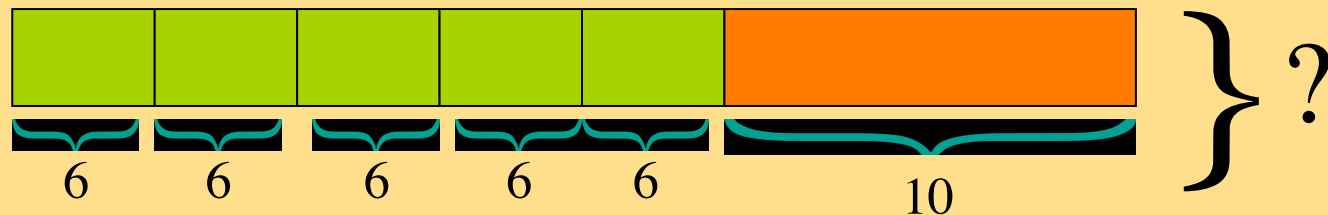


Parts and Whole - Mult./Div



2-Step Problems

Jamie brought 5 boxes of cupcakes to a party. Each box had 6 cupcakes. Lindsey brought one box with 10 cupcakes. How many cupcakes in all?



$$6 \times 5 = 30$$

Jamie brought 30 cupcakes

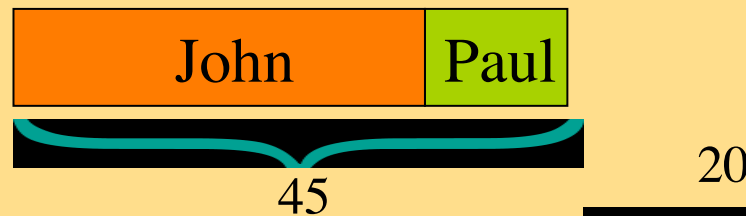
$$30 + 10 = 40$$

All together they brought 40 cupcakes.

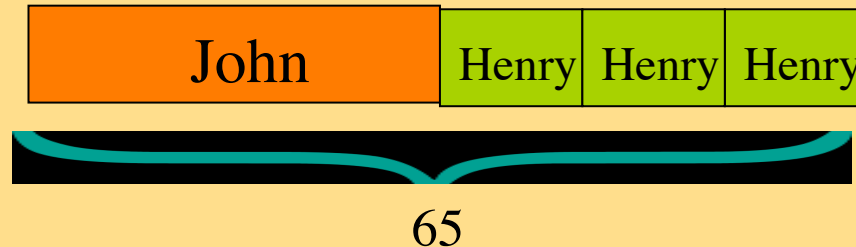
2-Step Problems

John and Paul spent \$45 altogether. John and Henry spent \$65 altogether. If Henry spent 3 times as much as Paul, how much did John spend?

John and Paul:



John and Henry:



$$20 \div 2 = 10$$

Paul spent \$10

$$45 - 10 = 35$$

John spent \$35

The end