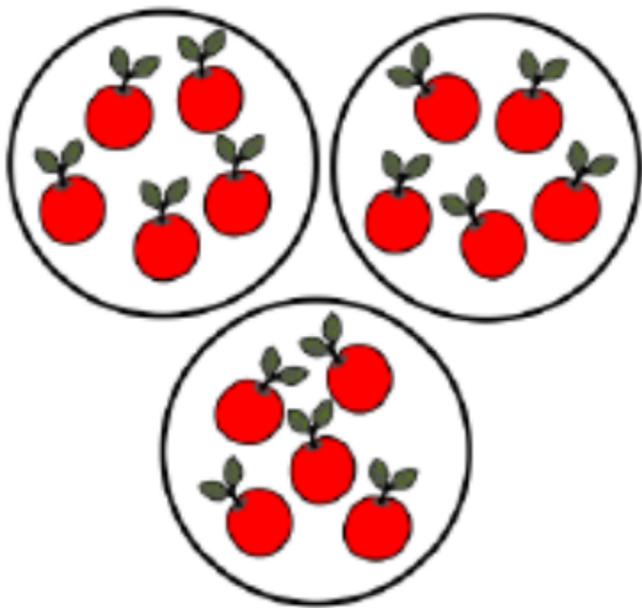
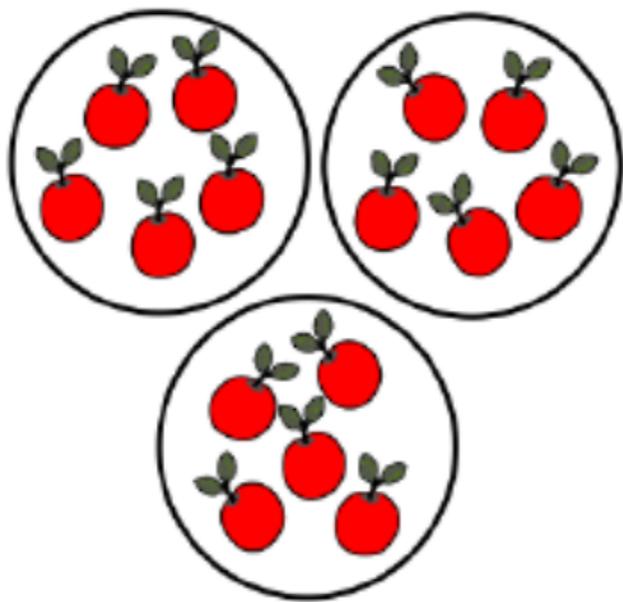


Multiplication



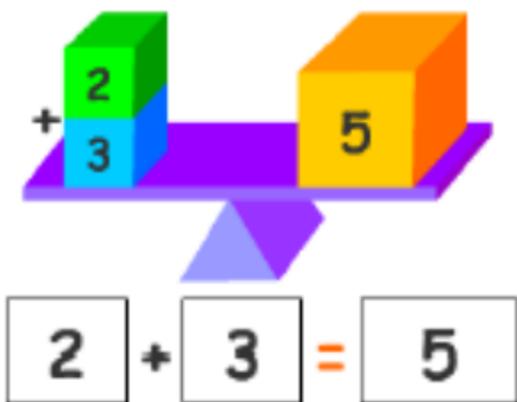
$$3 \times 5 = 5 + 5 + 5$$

Division

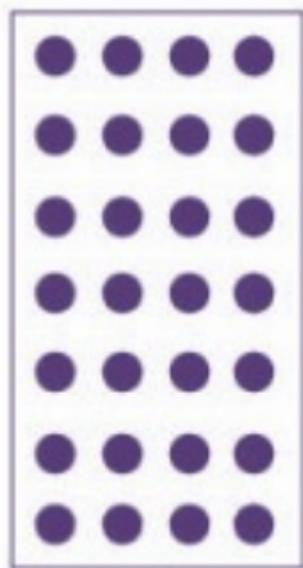
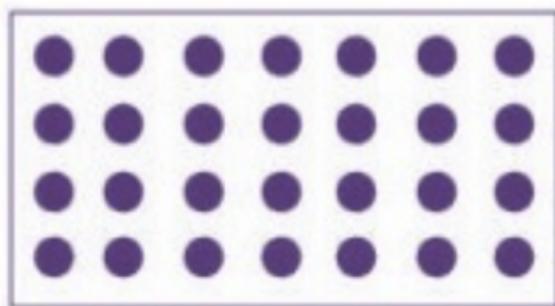


$$15 \div 3 = 5$$

Equation



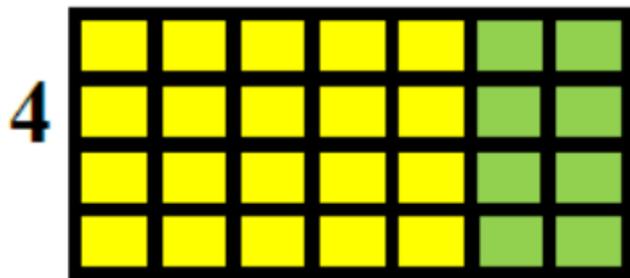
Commutative Property of Multiplication



$$4 \times 7 = 7 \times 4$$

Distributive Property of Multiplication

$$5 + 2$$



$$\begin{aligned} 4 \times 7 &= 4 \times (5 + 2) \\ &= (4 \times 5) + (4 \times 2) \\ &= 20 + 8 \\ &= 28 \end{aligned}$$

Associative Property of Multiplication

$$(5 \times 7) \times 3 = 5 \times (7 \times 3)$$

$$35 \times 3 = 5 \times 21$$

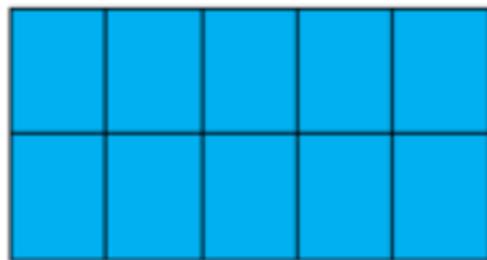
$$105 = 105$$

Area

2 rows of 5 = 10 square units

or

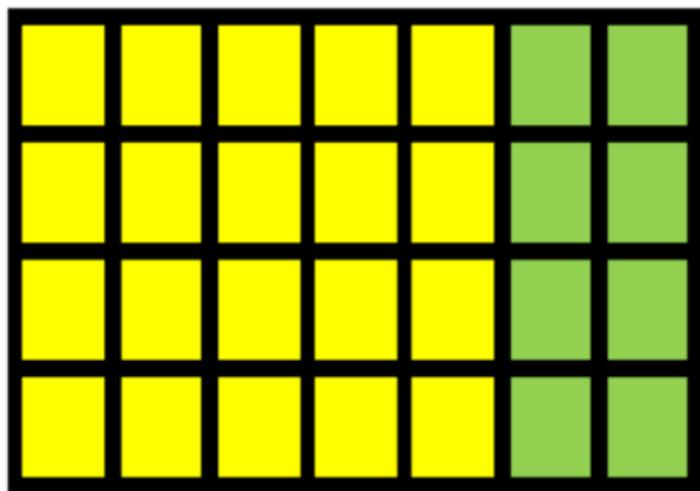
$2 \times 5 = 10$ square units



Area Model

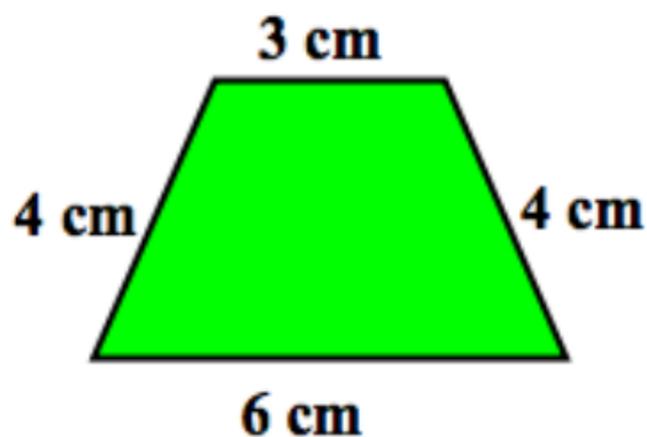
$$5 + 2$$

4



$$4 \times 7 = (4 \times 5) + (4 \times 2) = 28$$

Perimeter



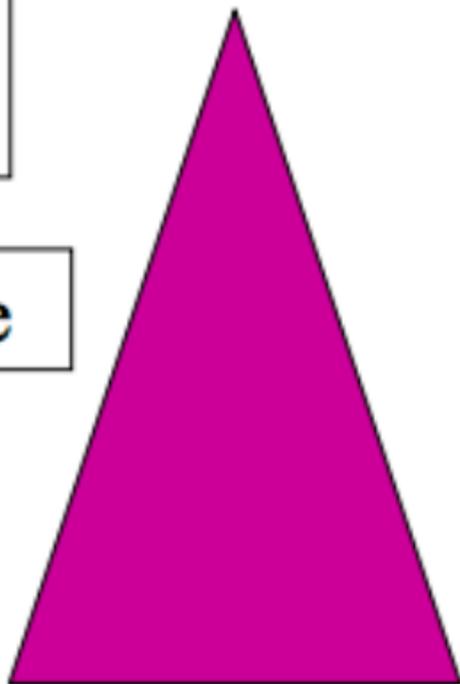
$$\begin{aligned}\text{Perimeter} &= 4\text{cm} + 6\text{cm} + 4\text{cm} + 3\text{cm} \\ &= 17\text{cm}\end{aligned}$$

Attribute

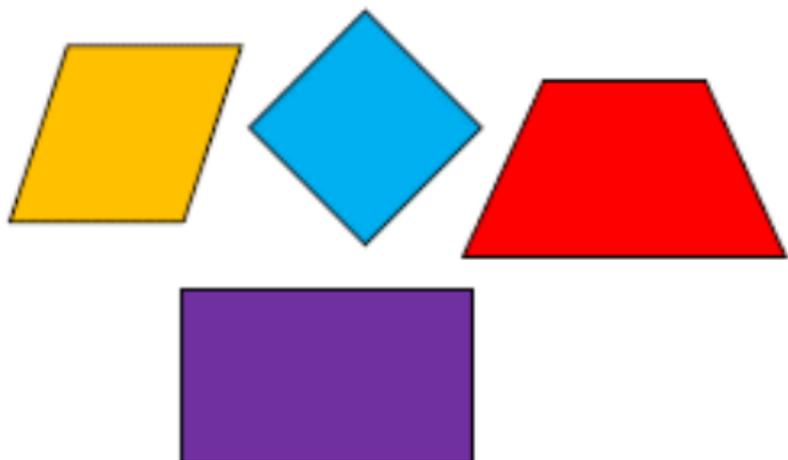
large

triangle

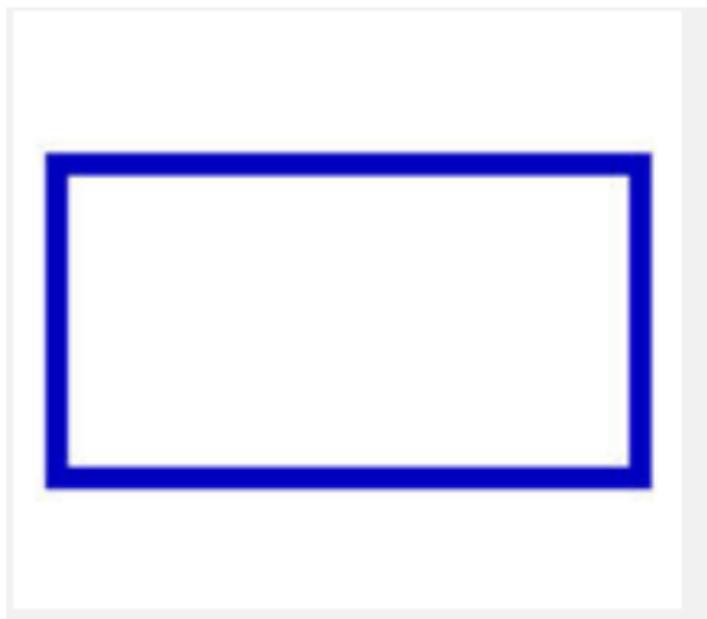
pink



Quadrilateral

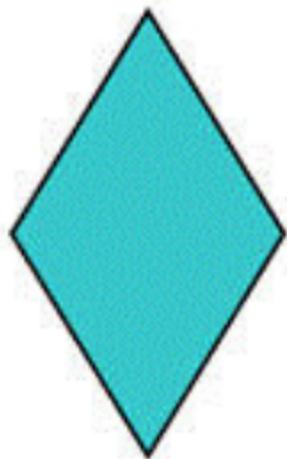


Rectangle

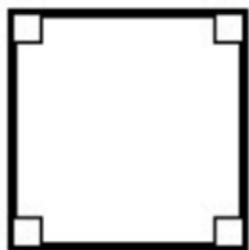


12b

Rhombus

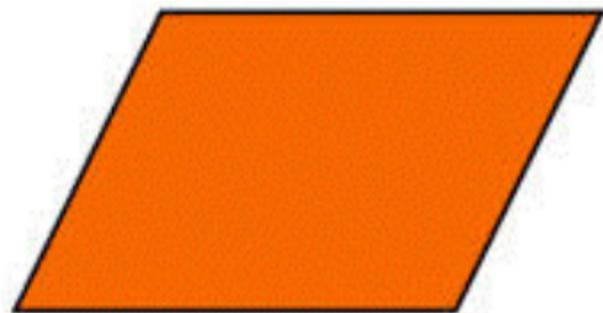


Square



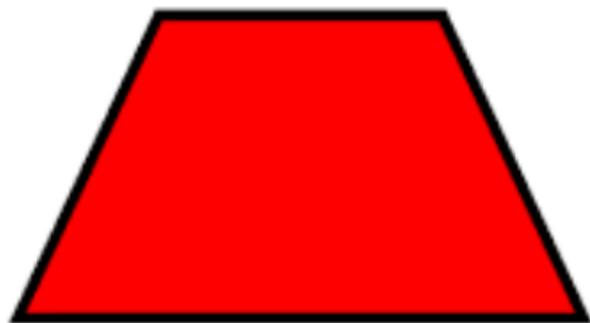
14b

Parallelogram

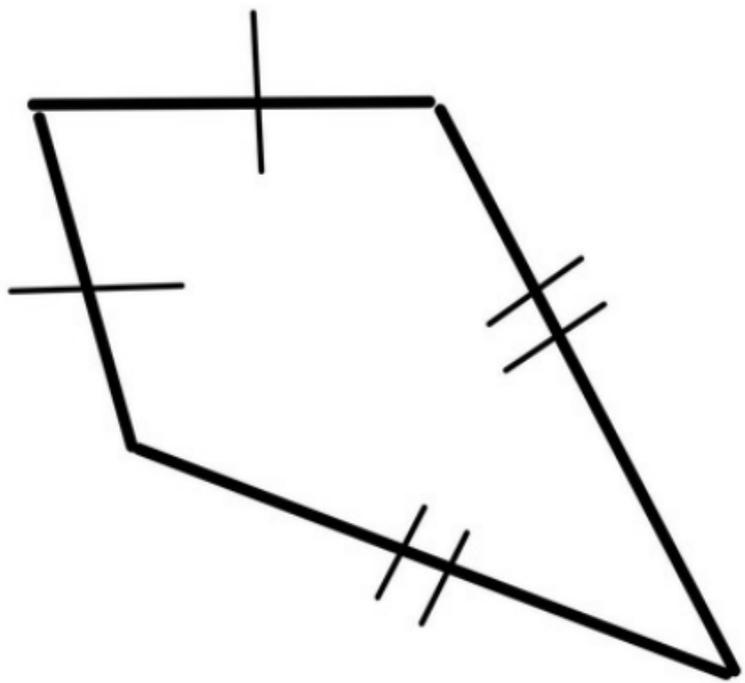


15b

Trapezoid



Kite

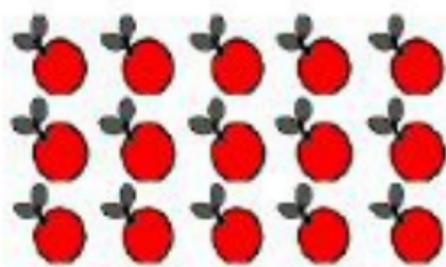


17b

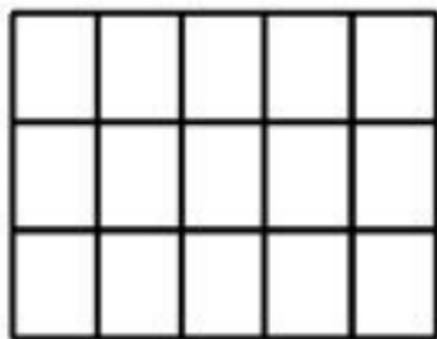
Array

3 rows of 5

3 x 5



OR



Volume



liquid volume

Mass



20b

Standard Units



yard



inches



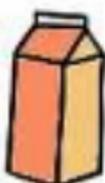
tablespoon



cup



pint



quart



gallon



ounce



pound

Scaled Picture Graph

Book Sale

Year 1



Year 2



Year 3



Year 4

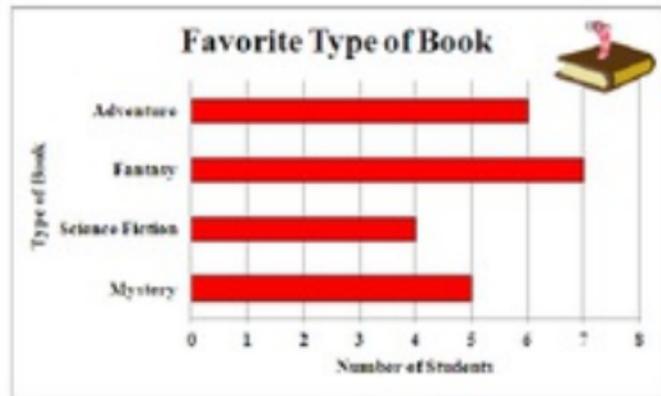
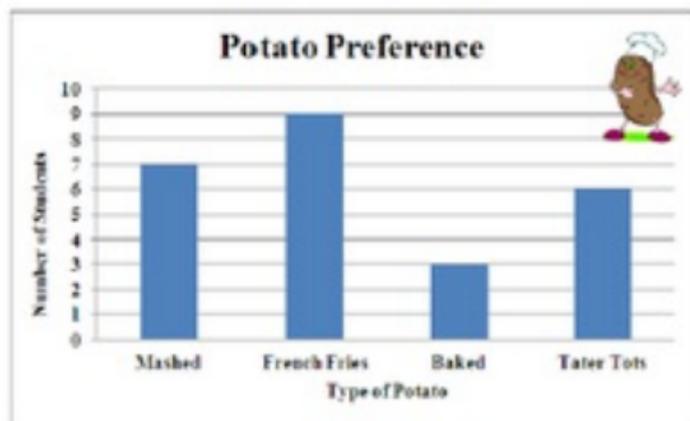


Each



stands for 5 books sold.

Scaled Bar Graph



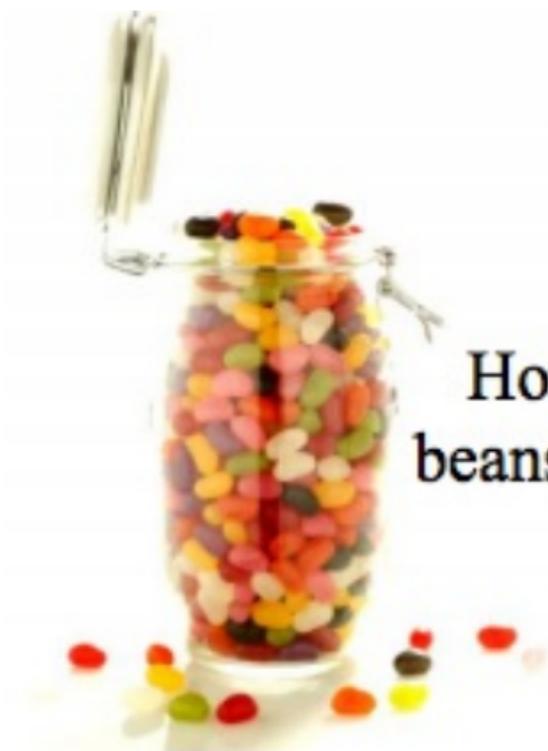
Order of Operations

Order of Operations



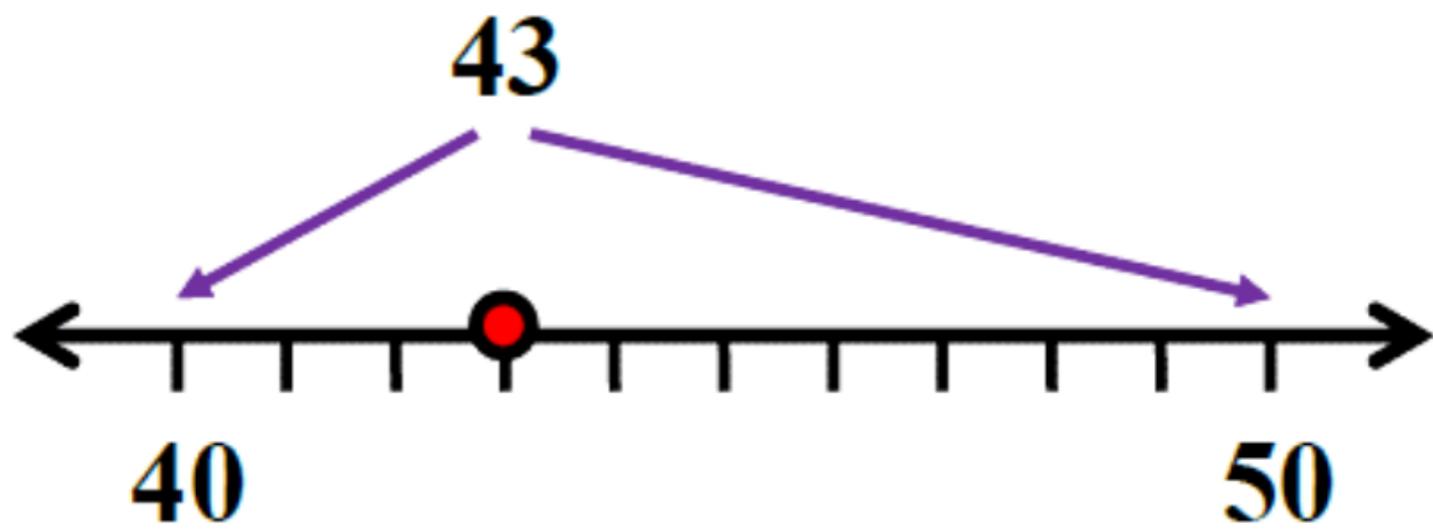
1. Do operations in parentheses.
2. Multiply and divide in order from left to right.
3. Add and subtract in order from left to right.

Estimation

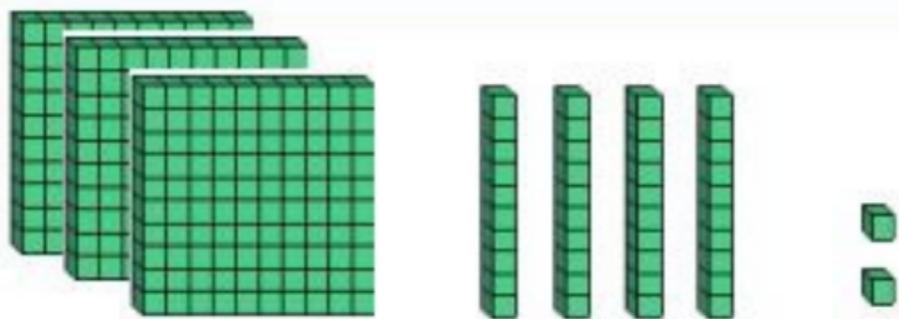


How many jelly
beans are in the jar?

Rounding



Place Value



Hundreds	Tens	Ones
3	4	2

$$300 + 40 + 2$$

Algorithm

$$\begin{array}{r} 24 \\ \times 3 \\ \hline 12 \\ 60 \\ \hline 72 \end{array}$$

Multiply the ones $3 \times 4 = 12$

Multiply the tens $3 \times 20 = 60$

Add the partial products