2.1 Two-Term & Three-Term Ratios
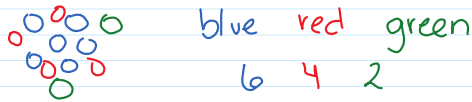
2-term ratio • compares 2 quantities measured in the same <u>units</u>
• written as a : b or a to b
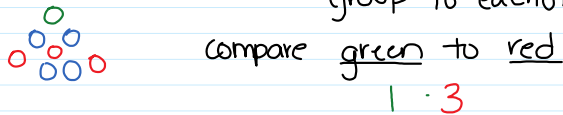
ex #1

blue red
6   4

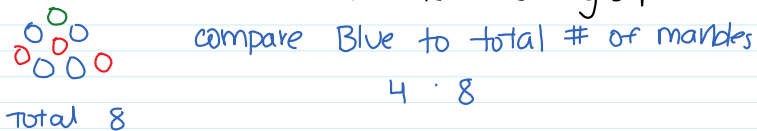**3-term ratio** compares 3 quantities measured in the same <u>units</u>

Ex #2

blue red green
6   4   2

Part - to - Part ratio compares different parts of a group to eachother

compare <u>green</u> to <u>red</u>
1 : 3

Part - to - Whole ratio · compares one part of a group to the whole group

compare Blue to total # of marbles
4 : 8

Total 8

Ratios can be written as a fraction, a decimal, and a percent.

Ex #4 Blue to the total #

$4 : 8$ ⇒ $\dfrac{4}{8} = \boxed{\dfrac{1}{2}}$ fraction (reduce!!)

− numerator by denominator $= \boxed{0.5}$ decimal

× decimal by 100% $0.5 \times 100\% = \boxed{50\%}$

pg 51 # 5 −15, 17, 19