

# A4 A5 Notes # | - Ratios & Rates

Note title

30/03/2015

**Ratio:** comparing two numbers of SAME thing <sup>→ or more</sup>

girls to boys or blue m&ms to red m&ms

**Ratio Notation:** using a colon and numbers to show a ratio. order matters!

Your class has 15 students.

a) girls to boys 7:8

b) boys to total 8:15

c) boys to girls to total 8:7:15

**Fraction Notation:** use a fraction to show your ratio, first category is numerator, second is denominator. Lowest terms.

You have some m&ms. It contains 6 red, 3 brown, 8 green, 4 yellow & 3 blue.

a) yellow to red  $\frac{4}{6} = \frac{2}{3}$

b) blue to total  $\frac{3}{24} = \frac{1}{8}$

c)  $\underbrace{\text{blue \& red}}_{\text{add.}}$  to  $\underbrace{\text{rest}}_{\text{other colors}}$   $\frac{9}{15} = \frac{3}{5}$