**Comparing Ratios**

**RATIO** *– Is the comparing two quantities using the same unit.*

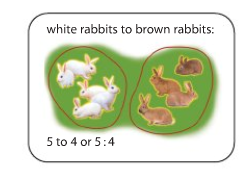
**Example:** 11:15 (11 girls to 15 boys)

**[](https://www.google.ca/imgres?imgurl=http://cdn.mysitemyway.com/etc-mysitemyway/icons/legacy-previews/icons/glossy-black-icons-symbols-shapes/018669-glossy-black-icon-symbols-shapes-check-mark5-ps.png&imgrefurl=http://icons.mysitemyway.com/legacy-icon/018669-glossy-black-icon-symbols-shapes-check-mark5-ps/&docid=4ectBg29R0OHHM&tbnid=4rAYEn6_QmvHdM&w=512&h=512&ei=oUMlVbaeLNiwyATbhoG4Dg&ved=0CAMQxiAwAQ&iact=c)REMEMBER THAT THE ORDER OF THE RATIO IS VERY IMPORTANT**

**Example: 11 girls to 15 boys**

[](http://www.google.ca/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&uact=8&ved=0CAcQjRw&url=http://pixgood.com/wrong-symbol-png.html&ei=1UMlVcOUC5eyyATUioCQDw&bvm=bv.90237346,d.cGU&psig=AFQjCNEVHAuX3CKQDL410a_F-erN2AEnDQ&ust=1428591944972475)11 : 15 CORRECT

15 : 11 INCORRECT

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**PART TO PART RATIO**

* Comparing one part to another part

**Example:** Compare the white rabbits to brown rabbits 5 : 4

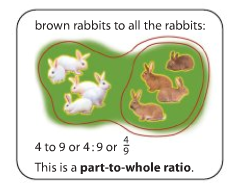
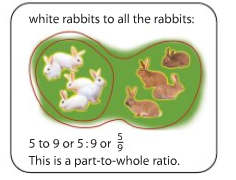
Compare the brown rabbits to white rabbits 4 : 5

**PART TO WHOLE RATIO**

* Comparing one part to a whole

**Example:** Compare the white rabbits to all the rabbits 5 : 9

Compare the brown rabbits to all the rabbits 4 : 9

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[](http://www.google.ca/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&uact=8&ved=0CAMQjRw&url=http://www.wotomoro.com/PUBLICLIB2/Modern%20Simple/slides/check%20mark.html&ei=n0MlVYbSBdjVoASlqoDoBA&bvm=bv.90237346,d.cGU&psig=AFQjCNHd0d6wQtiOXeaj4TD4X_l3dzd4wQ&ust=1428591903128466)