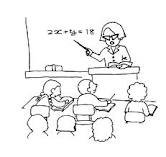
**Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Ratios and Proportions/Ratios Lesson #2/6.RP.1 – Homework**

[](http://www.google.com/imgres?hl=en&biw=1440&bih=783&tbm=isch&tbnid=Mu7SWY7apxHIfM:&imgrefurl=http://www.catfacts.org/american-bobtail-cat-facts.htm&docid=YKQeGn4PhgaHtM&imgurl=http://www.catfacts.org/american-bobtail-cat-facts.jpg&w=450&h=350&ei=-ZIrUMXqD-H96wHOuYGADA&zoom=1&iact=hc&vpx=371&vpy=451&dur=128&hovh=198&hovw=255&tx=115&ty=131&sig=113962307424882952232&page=1&tbnh=124&tbnw=175&start=0&ndsp=29&ved=1t:429,r:15,s:0,i:198)

1. Write a ratio in three ways comparing eyes to feet for a cat.
2. Fill in the sentences below based on your answer in #1.
3. A cat has \_\_\_\_ eyes for every \_\_\_\_ feet.
4. For every, \_\_\_\_ feet for every \_\_\_\_ eyes.
5. What other animal has the same ratio of eyes to feet?
6. What animal has a different ratio of eyes to feet?

[](http://www.google.com/imgres?hl=en&biw=1440&bih=783&tbm=isch&tbnid=t0E7530x1nkm7M:&imgrefurl=http://shirouen.blogspot.com/2012/07/tired.html&docid=MbFfxP_D-w5ruM&imgurl=http://1.bp.blogspot.com/_Nw8dJXXnK04/TTxEMpBOEtI/AAAAAAAAARY/e2HS2iCaGgw/s1600/2441.math_class.gif&w=1024&h=968&ei=bZQrUMOGDuWL6gG81IDgBw&zoom=1)

1. Mrs. Jones’ math class consists of 31 students. Here is a chart listing the amount of boys and girls in her class.

|  |  |
| --- | --- |
| **Boys** | 8 |
| **Girls** | 23 |

1. Write a ratio comparing the amount of boys to the amount of girls in Mrs. Jones’ class.
2. Write a ratio comparing the amount of girls to the amount of boys in Mrs. Jones’ class.
3. Write a sentence comparing the amount of boys to the amount of girls in Mrs. Jones’ class using the words for every.
4. Can you write a second sentence comparing amount of girls to the amount of boys using for every?