

12. Extend Your Thinking

Name: _____ **Class:** _____ **Date:** _____

1. If red:blue = 2:3, what fraction of the group is not red?

2. If 2:3 describes a group of 25, what happens if the group is doubled? Explain.

3. Create two different ratios that give red as $\frac{1}{4}$ of the whole.

4. Can a ratio have a part-to-whole fraction greater than 1? Explain.

5. Explain why 2:3 and 4:6 are equivalent but 2:3 and 4:5 are not.

6. A student claims that the larger number in a ratio always represents more of the whole. Is that always true? Discuss order and labels.
