

9. Guided Practice — Worksheet A

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

Part A: Build the meaning

1. Red:blue = 1:4. How many total parts?

2. What fraction of the group is red?

3. Boys:girls = 2:3. How many total parts?

4. What fraction of the group is girls?

5. Boys:girls = 2:3 and the total is 25. How many boys?

6. Cats:dogs = 3:5 and the total is 40. How many dogs?

Part B: Simplify and explain

7. Simplify 6:9.

8. Explain why order matters in a ratio.

9. Create a tape diagram for 2:3.

10. Explain why a part-to-part ratio must be converted before finding a fraction of the whole.
