

10. Independent Practice — Worksheet B

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

1. Write the part-to-whole fractions for 3:5.

2. Write the part-to-whole fractions for 4:7.

3. Split 48 in the ratio 5:7.

4. Split 63 in the ratio 4:5.

5. Simplify 18:24.

6. Simplify 25:40.

7. Explain the mistake: boys:girls = 3:4, so boys are of the class.

8. A recipe uses water:concentrate = 4:3. Write the fraction of the mixture that is concentrate.

9. A group has cats:dogs = 5:2 and 35 animals. How many cats and dogs?

10. Create a ratio tape diagram and write the total-parts equation.

11. Are 2:3 and 10:15 the same relationship? Explain.

12. Explain what would change if the ratio in Question 11 were reversed.
