

## Bar models with ratios

1. What is the ratio of 4 orange units for 8 blue units?
2. Jackson and Joseph had some money in the ratio 5:3. Joseph had \$240. How much does Jackson have?
3. Mr. Copper's class has a female student to male student ratio of 3:2. Mr. Copper's class has 18 girls, how many boys does he have?

4. Ms. Green's class has the same number of students as Mr. Copper's class. Her female-to-male ratio is 2:1. Which class has the greater number of females?
5. Use the recipe shown in the table to answer the questions below. Use pictures, tables or number sentences to solve the task.

- a) How many cups of sugar are needed for each egg? How do you know?

Grandma's Recipe for Sugar Cookies
1 $\frac{1}{2}$ cups butter 2 cups sugar 4 eggs $\frac{3}{4}$ teaspoon baking powder 1 $\frac{1}{4}$ cups flour $\frac{1}{4}$ teaspoon salt

- b) Your sister notices that she needs three times as much baking powder as salt in this recipe. What is the ratio of baking powder to salt?