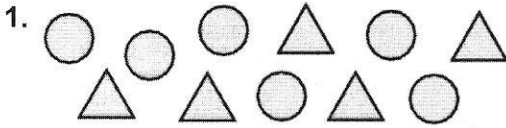


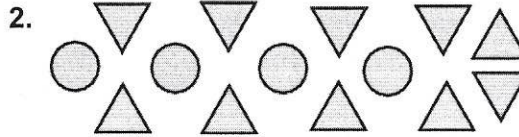
5.1 Ratios Assignment

Name _____ Period _____

Write the ratio in three different ways. Explain what the ratio means.

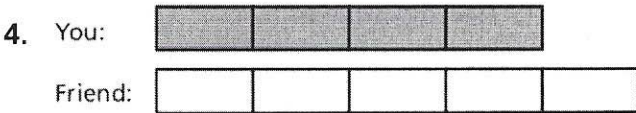
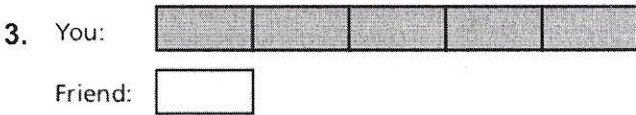


circles to triangles



triangles to circles

You and a friend tutor a total of 18 hours. Use the tape diagram to find how many hours you tutor.



5. In a recipe, the ratio of fluid ounces of water to fluid ounces of tomato paste is 3 : 4. You plan to make 35 fluid ounces of sauce. How many fluid ounces of tomato paste do you need?

6. A middle school band has 45 sixth and seventh graders. The ratio of sixth graders to seventh graders is 2 to 3. How many sixth graders are in the band? Explain how you got your answer.

7. The ratio of the ages (in years) of three children is 2 : 4 : 5. The sum of their ages is 33. What is the age of each child?

8. You make a necklace using blue, purple, and green beads in a ratio of 1 : 1 : 2. You use a total of 168 beads. How many green beads are in the necklace?

9. A caterer makes 3 extra sandwiches for every 12 sandwiches a customer orders.

- a. Write the ratio of ordered sandwiches to extra sandwiches.
- b. The caterer makes a total of 120 sandwiches for a customer. How many sandwiches did the customer order?