

MasterMath

Name _____

Ratios

Date _____

1. What is the ratio of hats to sunglasses?



2. Write these ratios in simplest form

ratio	simplified
8:4	
25:5	
64:8	
6:48	

ratio	simplified
125:1	
12:96	
5:100	
60:6	

3. Are these ratios equivalent?

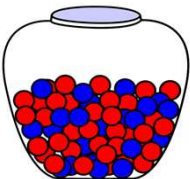
ratio 1	ratio 2	equivalent?
3:2	24/15	
4:1	32:8	
1/6	7:42	

ratio 1	ratio 2	equivalent?
16/3	5:1	
21:7	3/1	
11:55	1/5	

4. Write a ratio that is equivalent to 8:3

5. There are 24 students in the class. The ratio of boys to girls is 2:1. How many boys are in the class? (Hint: the ratio describes the relationship for each 3 students: 2 boys and 1 girl)

6. Both you and your sister have a collection of 120 marbles. All the marbles are either red or blue. You sister has a ratio of red to blue marbles of 2:3. You have a ratio of red to blue marbles of 3:5. Who has the most red marbles?



7. The baseball team has 8 boys and 6 girls. If 3 girls join the team, how many more boys must join to keep the ratio of boys to girls the same?