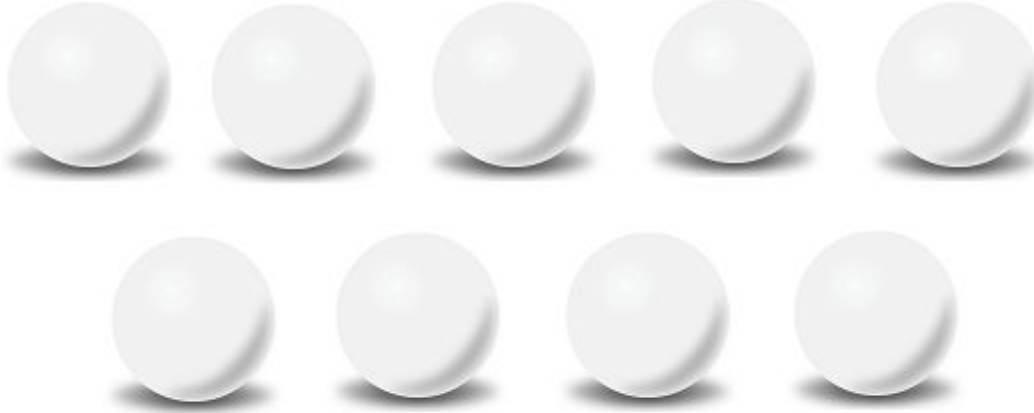


Name: _____

Ratios

Color 4 marbles red, 3 marbles green, 1 marble yellow, and 1 marble blue.

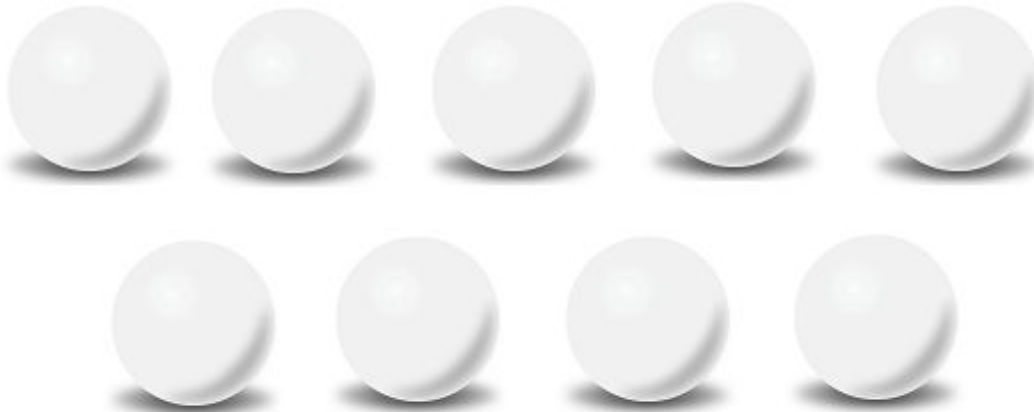


1. What is the ratio of red marbles to green marbles? _____
2. What is the ratio of yellow marbles to the number of total marbles? _____
3. What is the ratio of yellow marbles to blue marbles? _____
4. What is the ratio of green marbles to blue marbles? _____
5. Now add two more marbles to the picture. Color them purple.
What is the ratio of purple marbles to the total number of marbles? _____
6. What is the ratio of purple marbles to
the number of marbles that are not purple? _____
7. Now add three more marbles to the picture. Color them
black. What is the ratio of black marbles to purple marbles? _____
8. Five children play a game with all of the marbles
shown above (including the purple and black
ones). What is the ratio of marbles to children? _____

ANSWER KEY

Ratios

Color 4 marbles red, 3 marbles green, 1 marble yellow, and 1 marble blue.



1. What is the ratio of red marbles to green marbles? 4 to 3 or 4:3
2. What is the ratio of yellow marbles to the number of total marbles? 1 to 9 or 1:9
3. What is the ratio of yellow marbles to blue marbles? 1 to 1 or 1:1
4. What is the ratio of green marbles to blue marbles? 3 to 1 or 3:1
5. Now add two more marbles to the picture. Color them purple.
What is the ratio of purple marbles to the total number of marbles? 2 to 11 or 2:11
6. What is the ratio of purple marbles to
the number of marbles that are not purple? 2 to 9 or 2:9
7. Now add three more marbles to the picture. Color them
black. What is the ratio of black marbles to purple marbles? 3 to 2 or 3:2
8. Five children play a game with all of the marbles
shown above (including the purple and black
ones). What is the ratio of marbles to children? 14 to 5 or 14:5