

Name _____ Date _____

Lucky Marbles

Two jars contain colored marbles. The tables below show how many marbles of each color are in each jar:

Jar 1

Red	3
Yellow	1
Blue	4

Jar 2

Red	2
Yellow	4
Blue	2

In jar 1, which color marble is *most* likely to be picked?

In jar 2, which colors of marbles are equally likely to be picked?

Which color marble in jar 2 is most likely to be chosen?

What fraction of the marbles in jar 1 are red?

What fraction of the marbles in jar 1 are yellow?

What fraction of the marbles in jar 1 are blue?

Write these three fractions in order from least to greatest. Then write the marble colors in order from least likely to be chosen to most likely to be chosen.

What fraction of the marbles in jar 2 are red? yellow? blue? What is different about the fractions for jar 2?