

MasterMath

Name _____
Date _____



1. What is the probability that you spin the number wheel twice, and get a 6 on the first spin and a 7 on the 2nd spin?

2. What is the probability that you spin the number wheel and get greater than 4 on the first spin and less than 5 on the 2nd spin?

3. What is the probability that the sum of your two spins totals 16?



4. You pick one marble at random, replace it, then pick a 2nd marble. What is the probability that you pick first a red marble, then you pick a yellow marble?

5. You pick a marble, don't replace it, then pick a 2nd marble. What is the probability that the first is red and the 2nd is purple?

6. You pick a marble, don't replace it, then pick a 2nd marble. What is the probability that the first is not red and the 2nd is red?



Picture shows a yellow, a green, a red, a purple, another yellow, and a blue painted rock.

7. You pick 1 painted rock, and you do not replace it. You then pick a 2nd colored rock. What is the probability that the first is yellow, and the second is green?

8. You pick 1 painted rock, and you replace it. You then pick a 2nd colored rock. What is the probability that the first is not yellow, and the second is green?

9. You are handed two rocks from this group. They were chosen at random. What is the probability that neither is red?