

The City School

Worksheet Number: Math 7.01.b

Topic: Probability



Name: _____

Class: _____

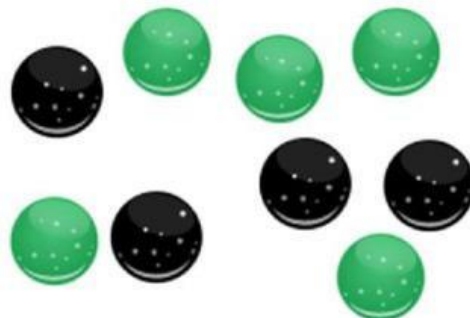
By attempting this worksheet, learners will be able to:

- Explaining experiments, outcomes, sample space, events, equally likely events and probability of a single event.
- Differentiating the outcomes that are equally likely and not equally likely to occur. (Including real-world word problems).

1. On which colour is the spinner more likely to land?



2. If you select a marble without looking, which color are you **less** likely to pick?



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3. Answer the probability questions for the candies jar shown below.

i. What is the probability of picking an orange candy? _____

ii. What is the probability of picking a yellow candy? _____

iii. What is the probability of picking a blue candy? _____

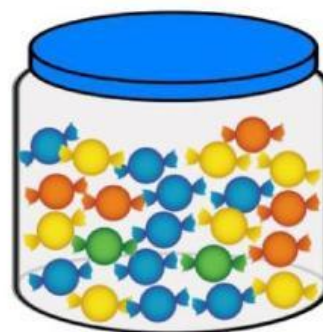
iv. What is the probability of picking a green candy? _____

v. Which candy is least likely to be picked at random? _____

vi. What is the probability of picking either a yellow candy or a green candy? _____

vii. What is the probability of picking either an orange candy or a blue candy? _____

viii. Would it be more likely to pick an orange candy or yellow candy? _____



4. Extension Task.

Aisha is in a ski rental shop trying to decide which equipment to rent for the day. The shop offers 8 kinds of skis and 2 kinds of poles. How many different sets of ski equipment can Aisha rent?
(Hint: The Counting Principle says that you can multiply the number of choices to find the total number of possibilities.)