

# Marble Bag Probability

I can identify the probability of a chance experiment. (ACMSP067)

Here is a bag of different coloured marbles:



**Green**



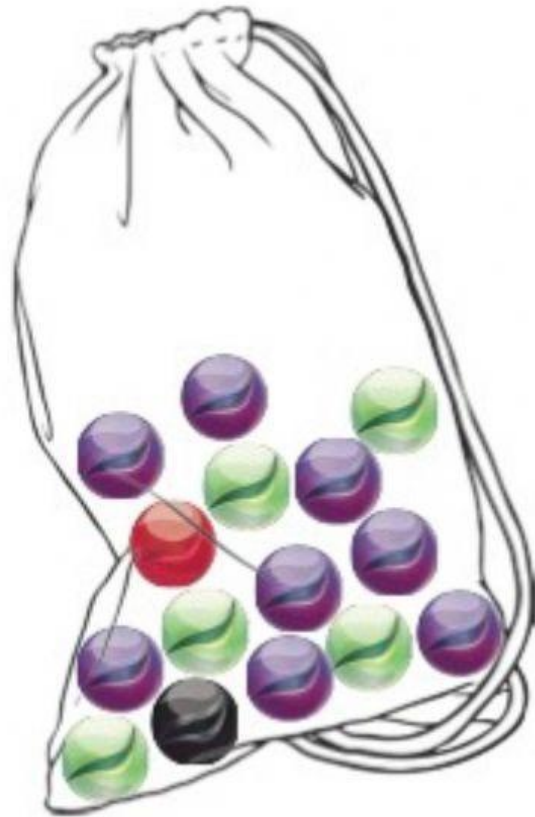
**Red**



**Purple**



**Black**



What is the likelihood of pulling out a red marble?

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Is there an even chance of pulling out both a purple and red marble?

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What is the chance of pulling out a green marble?

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Is it possible to pull an orange marble out of the bag?

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Is it unlikely that a purple marble will be pulled out of the bag?

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What is the probability of not picking a black marble?

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