

# Math Strategies 1

Q2 - Pletcher  
2023

UPDATED Dec 18 Week

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# 7th grade PSSA - Overview --- This is expected to be covered after Thanksgiving till end of the Q2.

## Unit Objectives - Math 7 PSSA

### ASSESSMENT ANCHOR

M07.D-S.3 Investigate chance processes and develop, use, and evaluate probability models.

#### DESCRIPTOR

M07.D-S.3.1 Predict or determine the likelihood of outcomes.

#### ELIGIBLE CONTENT

M07.D-S.3.1.1 Predict or determine whether some outcomes are certain, more likely, less likely, equally likely, or impossible (i.e., a probability near 0 indicates an unlikely event, a probability around  $\frac{1}{2}$  indicates an event that is neither unlikely nor likely, and a probability near 1 indicates a likely event).

### ASSESSMENT ANCHOR

M07.D-S.3 Investigate chance processes and develop, use, and evaluate probability models.

#### DESCRIPTOR

M07.D-S.3.2 Use probability to predict outcomes.

#### ELIGIBLE CONTENT

M07.D-S.3.2.1 Determine the probability of a chance event given relative frequency. Predict the approximate relative frequency given the probability.

*Example: When rolling a number cube 600 times, predict that a 3 or 6 would be rolled roughly 200 times but probably not exactly 200 times.*

M07.D-S.3.2.2 Find the probability of a simple event, including the probability of a simple event **not** occurring.

*Example: What is the probability of **not** rolling a 1 on a number cube?*

M07.D-S.3.2.3 Find probabilities of independent compound events using organized lists, tables, tree diagrams, and simulation.

# Week Dec. 18-22

**Monday** - Warmup - predict candy distribution in bag

Review those top 3 missed questions with the class as a whole prior to working independently.

Those absent Friday must do at least one round of the studyisland.com assignment on Probability with each of the 2 sessions of 10 questions. Others pick your lowest section and redo a session with a partner for a better score.

**Tuesday** - play Kahoot Play

[https://kahoot.it/challenge/07901630?challenge-id=6a35df94-15d6-42bb-9a0b-07404aeef3ff\\_1702264710577](https://kahoot.it/challenge/07901630?challenge-id=6a35df94-15d6-42bb-9a0b-07404aeef3ff_1702264710577)

Use your first name and last initial followed by the round number.

**Wednesday** - use a group QUIZ race session on studyisland.com with the Probability sections - understanding & simple

**Thursday** - .Play Bingo as a probability example and prizes are from the candy discussed in probability monday.

**Friday** - no class as early dismissal