



DIVISION OF GEN. TRIAS CITY
Project ISuLAT – ACTIVITY SHEETS in MATHEMATICS 8
(Intensified Support to Learning Alternatives Through Activity Sheets)

Grade 8 - Week 6

Name: _____ Gr. & Sec.: _____

Name of Teacher: _____ Score: _____

MASTER ME

Most Essential Learning Competency: Illustrate an experiment, outcome, sample space and event.

At the end of the activity sheets, you are expected to:

- a. illustrate an experiment, outcome, sample space and event; and
- b. determine the outcome, sample space, event of an experiment.

Probability is a branch of mathematics that enable us to predict the occurrence of an event. It can be expressed in the form of fraction, decimal or percent.

Examples: guessing if it will rain or shine, chance to win in a Math contest

Experiment is a process that can be repeated and gives specific and definite results.

Examples: tossing a coin, rolling a die

Outcomes are the results of an experiment.

Examples: head, tail, 1,2,3,4,5,6

Sample space is the set of all possible outcomes of an experiment.

Examples: {H,T}, {1,2,3,4,5,6}

Event is a subset of the sample space.

Examples: {H} is the event that head occurs as you toss a coin.

ACT ON

Toss two coins and observe whether the coins show heads or tails. Given this situation, identify the following:

- 1. Experiment _____
- 2. Outcome (1) _____
- 3. Sample space _____
- 4. If the event E is that exactly one of the coins shows heads, What is the event? _____



TRY MORE

A. Determine the sample space for the following experiments:

1. Choosing one of the four possible aces from a standard deck of cards.

2. Choosing a club from a standard deck of cards.

3. Flipping two coins at the same time.

B. Determine the outcome for the following events:

4. Rolling an odd number on a standard 6-sided die. _____

5. Getting heads on a coin flip. _____

HARNES SKILL

Complete the table below using the given information inside the box.

Yellow, green, black, blue, red	Getting a Queen
Drawing a card from a deck of 52 cards	Getting a color that starts with letter "B"
13 Diamonds, 13 Hearts, 13 Spades, 13 Clubs	Spinning a wheel

Experiment	Sample Space	Event