

MATH 8 QUARTER 4 LAS 6: LESSON- PROBABILITY

DIRECTIONS: TYPE YOUR ANSWERS IN THE BOX PROVIDED, CLICK FINISH THEN CLICK CHECK MY ANSWERS.
TAKE A SCREENSHOT OF YOUR SCORE THEN SEND IT TO TEACHER'S MESSENGER.

LESSON 1 - Activity 2:

Directions: Choose the **letter** that corresponds to your answer and write it on the **box** before each number.

1. Consider the months of the year. Find the number of outcomes in the sample space.
A. $S = \{8\}$ C. $S = \{12\}$
B. $S = \{10\}$ D. $S = \{14\}$
2. From the months of the year, what is the event of celebrating Christmas?
A. $E = \{\text{September}\}$ C. $E = \{\text{November}\}$
B. $E = \{\text{October}\}$ D. $E = \{\text{December}\}$
3. A pair of dice is tossed once.
 - a) What is the event of getting both even numbers?
A. $E = \{(2,2), (4,4), (6,6)\}$ C. $E = \{(4,2), (4,4), (4,6)\}$
B. $E = \{(2,4), (2,4), (2,6)\}$ D. $E = \{(2,2), (2,4), (2,6), (4,2), (4,4), (4,6), (6,2), (6,4), (6,6)\}$
 - b) Find the event of same number on top.
A. $S = \{(1,1), (2,2), (3,3), (4,4), (5,5), (6,6)\}$ C. $S = \{(4,4), (5,5), (6,6)\}$
B. $S = \{(1,1), (2,2), (3,3)\}$ D. $S = \{(2,2), (4,4), (6,6)\}$
 - c) What is the event of getting same number with sum less than or equal to 8 on both faces?
A. $E = \{(1,1), (3,3), (5,5)\}$ C. $E = \{(2,2), (3,3), (4,4), (5,5)\}$
B. $E = \{(1,1), (2,2), (3,3), (4,4)\}$ D. $E = \{(3,3), (4,4), (5,5), (6,6)\}$



LESSON 2: Activity 2:

Directions: Choose the **letter** that corresponds to your answer and write it on the **box** before each number.

1. In how many ways will a dice and a coin will land?
A. $\{6\}$ B. $\{12\}$ C. $\{8\}$ D. $\{10\}$
2. Numbers 1, 2, 3, 4, 5, and 6 are written in a piece of paper. There are 3 even numbers and 2 multiples of 3. If you're going to pick a piece of paper, how many even numbers and a multiple of 3 can be picked?
A. $\{1\}$ C. $\{2\}$
B. $\{3\}$ D. $\{0\}$
3. You have to create your 5-pin code on your cell phone, you can use the letters F-A-I-T-H, in how many ways can you create your pin code?
A. $\{120\}$ B. $\{12\}$ C. $\{240\}$ D. $\{20\}$
4. In how many ways can 4 friends be seated in a row?
A. $\{12\}$ B. $\{36\}$ C. $\{4\}$ D. $\{24\}$
5. Alfred loves to jog every morning at the plaza, he has 2 jogging pants (black and white) and 2 rubber shoes (red and black). In how many ways can Alfred choose his outfit?
A. $\{2\}$ B. $\{8\}$ C. $\{6\}$ D. $\{4\}$

