

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.

- Consider the months of the year. Find the number of outcomes in the sample space.

A. $S = \{8\}$

B. $S = \{10\}$

C. $S = \{12\}$

D. $S = \{14\}$
- From the months of the year, what is the event of celebrating Christmas?

A. $E = \{\text{September}\}$

B. $E = \{\text{October}\}$

C. $E = \{\text{November}\}$

D. $E = \{\text{December}\}$
- A pair of dice is tossed once.
 - What is the event of getting both even numbers?

A. $E = \{(2,2), (4,4), (6,6)\}$

B. $E = \{(2,4), (2,4), (2,6)\}$

C. $E = \{(4, 2), (4, 4), (4,6)\}$

D. $E = \{(2,2), (2,4), (2,6), (4,2), (4,4), (4,6), (6,2), (6,4), (6,6)\}$
 - Find the event of same number on top.

A. $S = \{(1,1), (2,2), (3,3), (4,4), (5,5), (6,6)\}$

B. $S = \{(1,1), (2,2), (3,3)\}$

C. $S = \{(4,4), (5,5), (6,6)\}$

D. $S = \{(2,2), (4,4), (6,6)\}$
 - What is the event of getting same number with sum less than or equal to 8 on both faces?

A. $E = \{(1,1), (3,3), (5,5)\}$

B. $E = \{(1,1), (2,2), (3,3), (4,4)\}$

C. $E = \{(2,2), (3,3), (4,4), (5,5)\}$

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.

- In how many ways will a dice and a coin will land?

A. $\{6\}$

B. $\{12\}$

C. $\{8\}$

D. $\{10\}$
- 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. $\{1\}$

B. $\{3\}$

C. $\{2\}$

D. $\{0\}$
- 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. $\{20\}$
- In how many ways can 4 friends be seated in a row?

A. $\{12\}$

B. $\{36\}$

C. $\{4\}$

D. $\{24\}$
- 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. $\{4\}$

