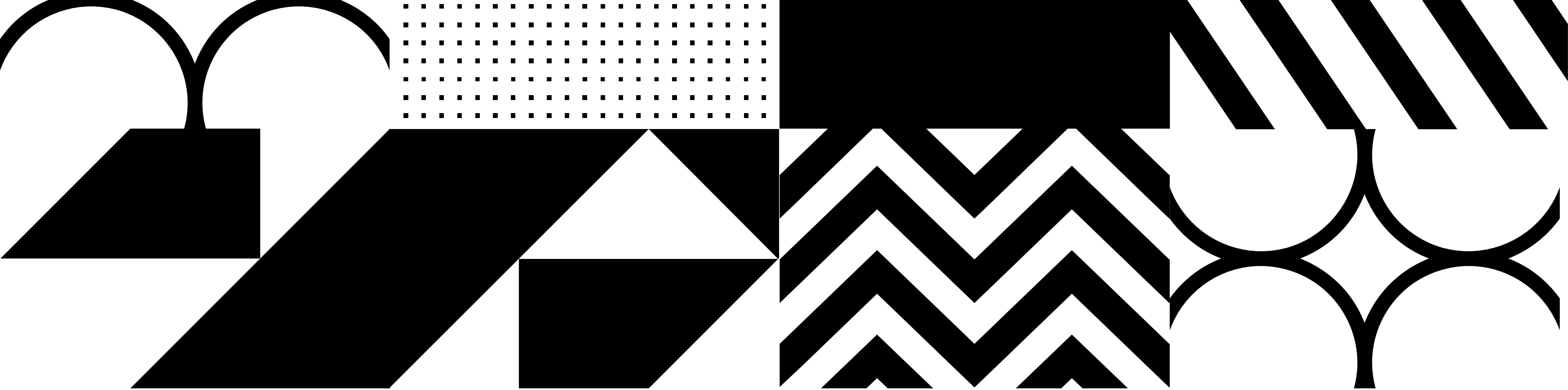


SKUNK



Note that for your test, you will only be required to memorize the formulas for dependent and independent events, NOT mutually exclusive and inclusive events.

Independent events
 $P(A \text{ and } B) = P(A) \times P(B)$

Dependent events
 $P(A \text{ and } B) = P(A) \times P(B \text{ after } A)$

~~Mutually exclusive events~~
 ~~$P(A \text{ or } B) = P(A) + P(B)$~~

~~Inclusive events~~
 ~~$P(A \text{ or } B) = P(A) + P(B) - P(A \text{ and } B)$~~

What is SKUNK? (not the animal)

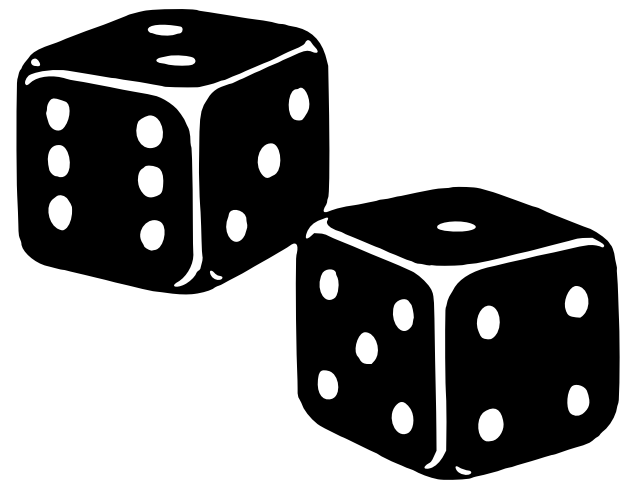
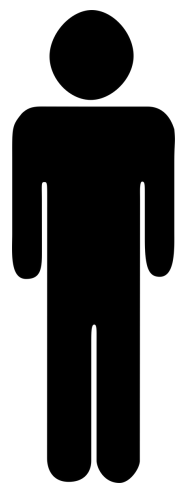
A game with 5 rounds, one for each letter of the word "skunk." Play begins with the S column and continues through the K column.

S	K	U	N	K



SKUNK Rules

1. Each round begins with every player standing.
2. Two dice are rolled. Write the sum in the column of that round.

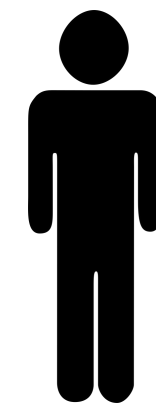


S	K	U	N	K
3				



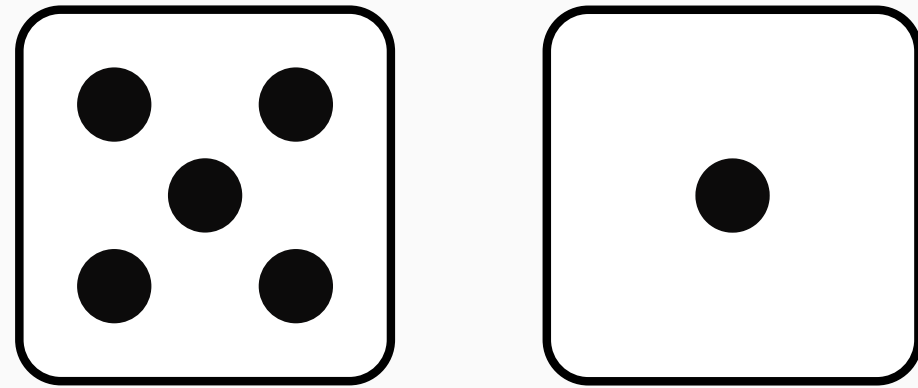
3. Choose whether to sit down or stay standing.

If you sit, write the sum of your points at the bottom of the column. You **can't get any more points**, but you also guarantee not losing those points!



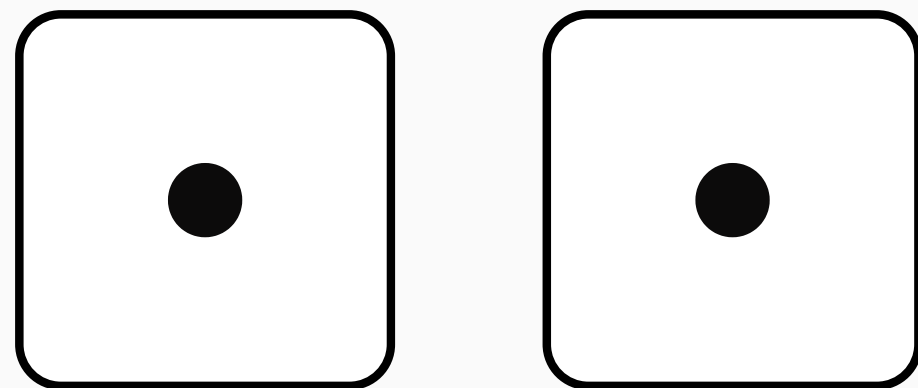
If you stay standing, you can continue getting points, but you **risk losing them!**

If you are standing and a **1** is rolled on **either die**, you get 0 for the column!



S	K	U	N	K
3	10			
7	12			
11				
<hr/>	<hr/>			
21	0			

If you are standing and **both dice are 1** (snake eyes), all your points are wiped out!



S	K	U	N	K
3	10			
7	12			
11				
<hr/>	<hr/>			
21	0			





What would be a risky strategy?



What would be a safe strategy?

What would be a risky strategy?

You could stay standing until everyone else sits down. You know what they say.. Go big or go home!



What would be a safe strategy?

You could play it safe and sit down after the first roll!



4. The round ends when a 1 is rolled or once everyone sits down.

5. The next round (column) starts!

Let's Play!

Grab a sheet of paper and draw a table like this:

S	K	U	N	K

