



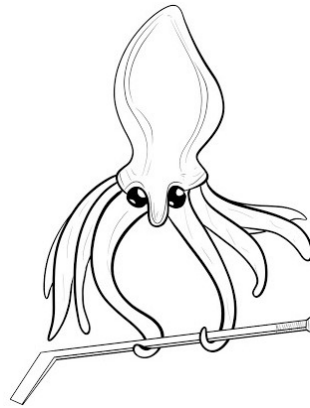
Problem of the Week

Problem B

Get Kraken!

The Seattle Kraken are the newest team to join the National Hockey League. Let's say they determined the colours for their uniforms by picking two choices from the table below. One colour must come from the first column and one colour must come from the second column.

| Colour 1 | Colour 2 |
|----------|----------|
| Green | White |
| Blue | Black |
| Teal | Silver |
| | Gold |



- List all the possible colour combinations. How many different options do they have?
- What pair of colours would you choose? If the team chooses the colour combination randomly from the colour combination options in part (a), what is the probability that the pair of colours you want gets picked?
- What is the probability that the uniform colours do not include teal, black, or gold?