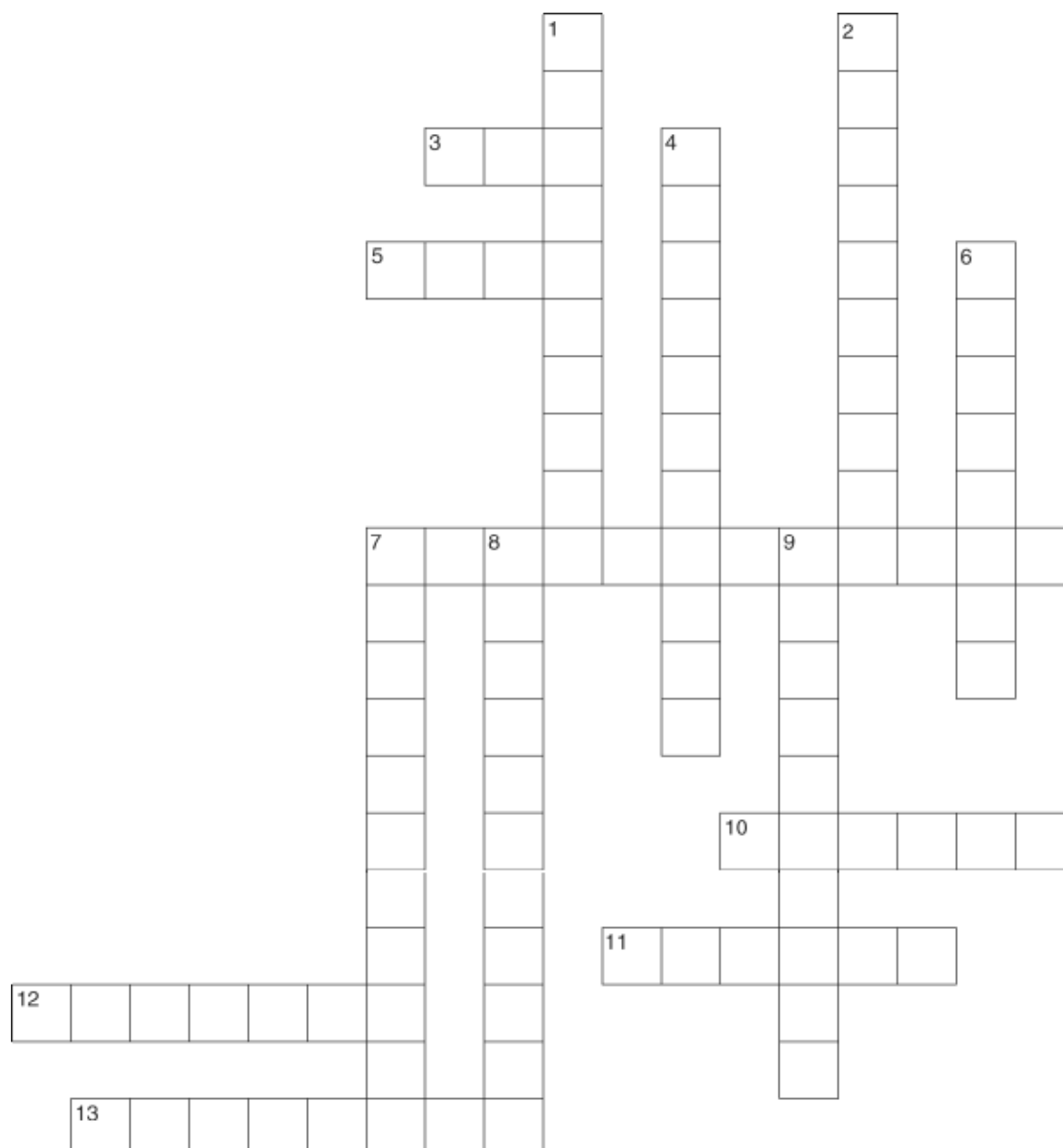


Chapter 1 Word Puzzle

Use the terms in the box to solve the clues. Then, complete the crossword puzzle.

NOTE: Periods in abbreviations are not included in the puzzle.

certain	equal chance	equivalent	experimental
impossible	likely	odds	P.O.P.
population	probability	sample	simulate
theoretical	unlikely		



Clues

Across

3. The short form for "probability of precipitation" is _____.
5. The _____ of flipping a coin and getting heads are 1 to 1.
This is the $\frac{\# \text{ of chances of winning}}{\# \text{ of chances of losing}}$.
7. I rolled 2 dice 100 times to see how many times I would get a sum of 11.
I was working with _____ probability.
10. In class, each of us flipped 3 coins 40 times to see how many times we got "heads, heads, heads." My results on this experiment provided
a(n) _____ of what the class did.
11. When the probability of something happening is between 51% and 99%, the
event is _____.
12. When the probability of something happening is 100%, the event
is _____.
13. When the probability of something happening is less than 50% but more
than 0%, the event is _____.

Down

1. When the probability of something happening is 0%, the event is
_____.
2. The _____ of the school consists of the students, plus
everyone working there, including teachers, educational assistants,
counsellors, maintenance workers, and kitchen staff.
4. The _____ probability of getting a 6 when you roll 1 die
is $\frac{1}{6}$ or approximately 17%.



Name: _____ Date: _____

BLM 1-3
(continued)

6. I wanted to figure out the experimental probability of winning a prize if I had 1 chance out of 5. I made a spinner with 5 equal sectors to _____ the event. Four of the sectors in the spinner said "Try again." One said "Winner!".
7. If the probability of something happening is 50%, I have a(n) _____ (2 words) of winning or losing.
8. _____ is a synonym for chance or likelihood.
9. The fractions $\frac{1}{2}$, $\frac{2}{4}$, $\frac{3}{6}$, and $\frac{4}{8}$ are all _____ fractions.

