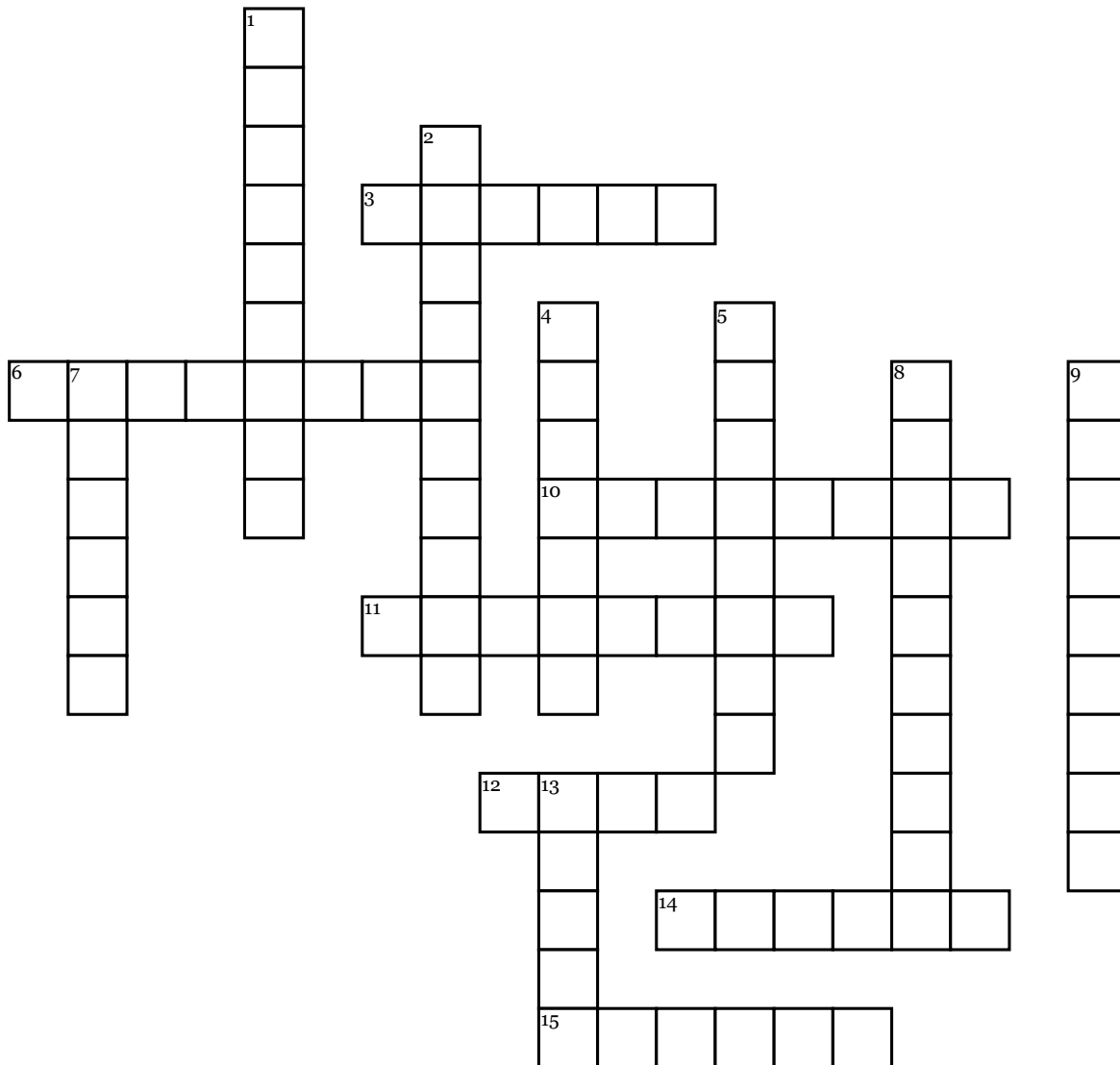# Snap shot 4 Vocabulary

Across

3. Consumer's desire and willingness to pay a price for a specific good or service. "The new shoe brand was in high ___."

6. The height of an object or point in relation to sea level or ground level. "The ___ of the airplane was 187.5 meters."

10. A statement that the values of two mathematical expressions are equal. "Solve the ___ 2x+8=10"

11. A value we can put in place of a variable that makes the equation true. "Find the ___ of the equation 5x+7=19"

12. The curved part of a shape or structure such as a circle or sphere "The ___ of the structure measures 162 meters"

14. The lowest or highest point of a parabola. "The minimum point of the parabola was (3, -4) which was called the ___."

15. Total amount of specific good or service that is available to consumers. "The store has a large ___ of vintage clothing."

Down

1. When the expression's highest exponent is squared (x^2). "Solve the equation $x2 + x - 4 = 0$"

2. Process of taking your data points and coming up with an equation. "Determine the linear ___ equation with these data points."

4. How much money a company or organization makes. "The monthly ___ the store makes is $9,680."

5. Shape defined by a quadratic equation. "The ___ opens downward because the quadratic equation is negative."

7. Of, relating to, or resembling a line; straight. "The equation y=mx+b is called a ___ equation."

8. Each of a group of numbers used to indicate the position of a point, line, or plane, "Locate the position of the object using the ___ (3,4)."

9. A fixed line that has the focus points of a parabola "Write the equation of a parabola when given the parabola opens downward, the vertex is (-1, -2), and the ___ is y = -1."

13. A number that is multiplied by itself a certain amount of times to equal a certain number. "What is the quadratic equation if the ___ of the equation are (2+√2, 2-√2)?