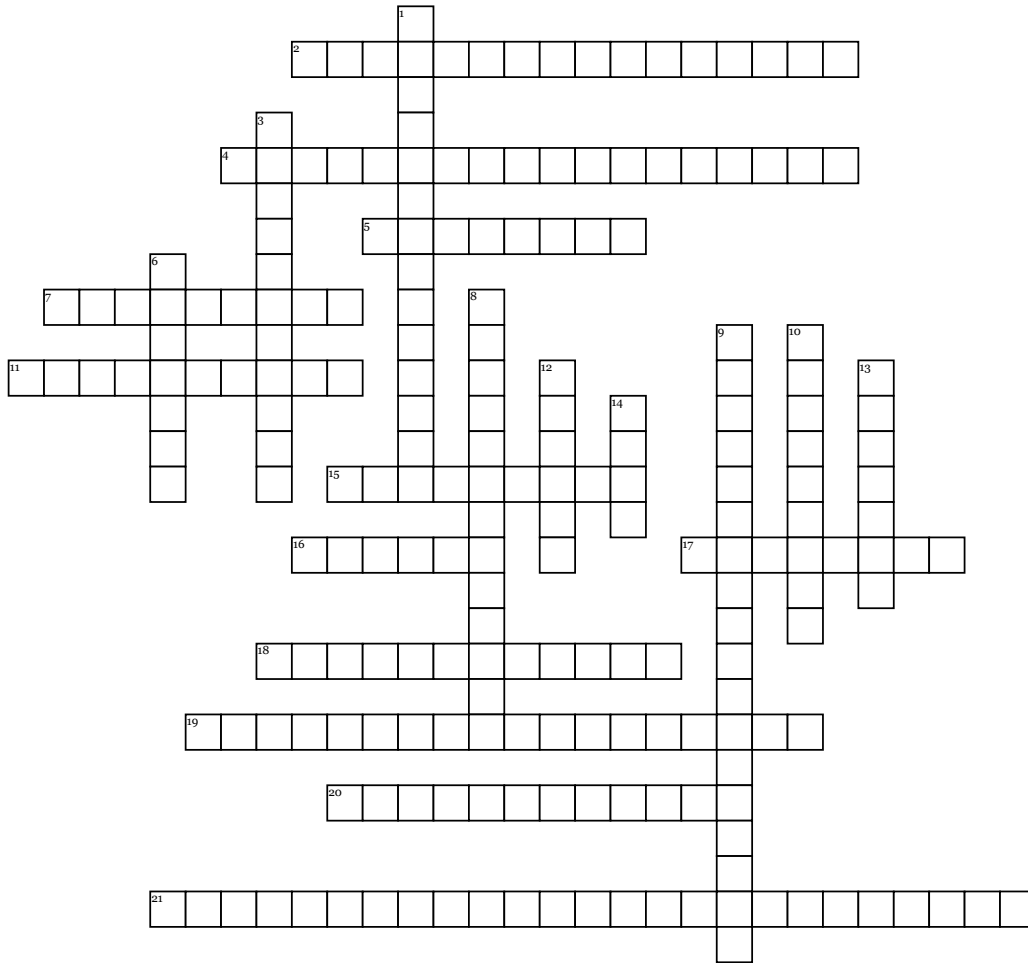


math puzzle unit 1



Across

- 2. A number whose decimal form is nonterminating and nonrepeating.
- 4. defined as a function,
- 5. A letter or symbol used to represent a number.
- 7. An algebraic expression with three unlike terms
- 11. A mathematical phrase involving at least one variable and sometimes numbers and operation symbols.
- 15. The sum of the lengths of the sides of a polygon
- 16. The amount of space occupied by an object

- 17. The number underneath the root symbol. So, in $\sqrt{a b}$, the a
- 18. a quantity that does not change
- 19. It is a theorem that states a relationship that exists in any right triangle
- 20. The numbers 0, 1, 2, 3,
- 21. To express a polynomial by putting the terms in descending exponent order.

Down

- 1. : A number expressible in the form a/b or $-a/b$ for some fraction a/b . The rational numbers include the integers.
- 3. the number multiplied by a variable

- 6. The set of numbers $\dots, -3, -2, -1, 0, 1, 2, 3, \dots$
- 8. the distance around a circle
- 9. An algebraic expression with one term.
- 10. the maximum amount something can hold
- 12. When two or more integers are multiplied, each integer is a factor of the product. "To factor" means to write the number or term as a product of its factors.
- 13. The symbol, $\sqrt[n]{a}$, which is read "the n th root of a,"
- 14. A number, a variable, or a product of numbers and variables

Word Bank

| | | | |
|---------------------|---------------------|---------------------|-------------------------------|
| Coefficient | Polynomial function | Rational Number | circumference |
| Integer | Volume | Term | Standard Form of a Polynomial |
| Monomial Expression | Constant Term | Pythagorean Theorem | Perimeter |
| Factor | Trinomial | Irrational Number | Whole numbers |
| Expression | Variable | Radicand | Radical |
| compacity | | | |