8th Grade Math

Across
1. the longest side of a right triangle, opposite the right triangle
3. only one number can make an equation true
4. another word for total
8. an ___ number can be expressed as an infinite, non-repeating decimal
13. a set of ordered pairs
14. to find a ___ that is neither horizontal nor vertical on the coordinate grid, you can apply the Pythagorean Theorem
15. any number that can be expressed as the ratio of two integers excluding division by zero
16. A ratio that compares the change in the y-coordinates of a graph to the change in the x-coordinates
17. any nonzero number raised to the power of zero is 1
18. r represents __________
19. Comparison of two numbers
20. 700/4 divided by x/22 what is this called?

Down
2. when a factor is multiplied by the sum/difference of two numbers, you can multiply each two numbers by the factor and then add/subtract the products
5. ___ lie in the same plane and never intersect
6. to raise a power to a power, multiply the exponents
7. 7^2 what is the two called
9. the measure of a right angle is ___ degrees
10. a function whose graph is a straight line
11. the ___ symbol represent square roots
12. the set of all the input/output values in a function