ACROSS
1 A statement that we can accept as true, such as the Pythagorean
2 A way of making 35-Acrosses from an expression with 4 33-Downs
3 Describes a number whose only 35-Across are 1 and itself
4 18-Across reminds us of _____ of operations
5 If a problem makes you divide by 0, then a solution does not _____
6 Not divisible by 2; opposite of 25-Down
7 An acronym that tells you which part of a problem should be calculated first
8 Describes a number whose only 35-Acrosses are 1 and itself
9 To plug a number into x; also, a teacher who’s not your regular teacher
10 The answer to a multiplication problem
11 The answer to a subtraction problem
12 The curve for ƒ(x) = ax² + bx + c
13 To practice a set of similar problems; also, a tool that a dentist uses
14 To remove common 35-Acrosses from a numerator and denominator
15 A math problem instruction: rewrite the question in its most basic form
16 A math problem instruction: give a numerical value for an expression
17 A math problem instruction: determine the value of the given 16-Down
18 The answer to a division problem
19 A math problem instruction: calculate _____ of your work
20 Another name for a solution or zero of a problem
21 Numbers with no decimal part, such as −5, 0 or 12
22 Describes math that involves money
23 A number like 3⁄5 or 2⁄7
24 An expression whose value does not change; opposite of 16-Down
25 Divisible by 2; opposite of 12-Across
26 An expression that states that two things have the same value
27 A letter like x that represents numbers
28 A unit of distance found in your textbook; equivalent to 5280 feet
29 Expressions that have only numbers and powers of x
30 A common name for the answer to a problem like “4 + 8 + 13”; synonym of 26-Across
31 A math problem instruction: give a numerical value for an expression
32 Expressions that have only numbers and powers of x
33 To get x by itself
34 A number like 3⁄5 or 2⁄7
35 One part of an expression, such as 2x³y, that is separated from other parts by +’s and −’s
36 If a boat can travel ten km/h, and moving upstream it can travel six km/h, the current is _____ km/h
37 If a number is positive or negative, that’s its _____
38 To improve your chances for part marks, show each _____ of your work
39 Describes a number that can be written as pq, where p and q are 3-Down
40 A picture that represents a function
41 Expressions that have only numbers and powers of x
42 If a number is positive or negative, that’s its _____

DOWN
1 It’s in a formula with distance and rate
2 Another name for a solution or zero of a problem
3 Numbers with no decimal part, such as −5, 0 or 12
4 A unit of distance found in your textbook; equivalent to 5280 feet
5 A math problem instruction: rewrite the question in its most basic form
6 The answer to a multiplication problem
7 The “5” in x³
8 To plug a number into x; also, a teacher who’s not your regular teacher
9 The answer to a subtraction problem
10 A math problem instruction: give a numerical value for an expression
11 A math problem instruction: determine the value of the given 16-Down
12 Not divisible by 2; opposite of 25-Down
13 A math problem instruction: rewrite the question in its most basic form
14 A math problem instruction: give a numerical value for an expression
15 The answer to a division problem
16 A math problem instruction: rewrite the question in its most basic form
17 In 3x + 5x, we can _____ like 33-Downs
18 An acronym that tells you which part of a problem should be calculated first
19 Expressions that have only numbers and powers of x
20 What “*” tells you to do
21 The set of all x values for a function that produce real values for f(x)
22 A math problem instruction: rewrite the question in its most basic form
23 Describes a number that can be written as pq, where p and q are 3-Down
24 A line on the Cartesian plane that marks x- or y-values
25 Divisible by 2; opposite of 12-Across
26 The answer to a division problem
27 A math problem instruction: give a numerical value for an expression
28 An expression that states that two things have the same value
29 One part of an expression, such as 2x³y, that is separated from other parts by +’s and −’s
30 A unit of distance found in your textbook; equivalent to 5280 feet
31 A common name for the answer to a problem like “4 + 8 + 13”; synonym of 26-Across
32 A math problem instruction: rewrite the question in its most basic form
33 A math problem instruction: rewrite the question in its most basic form
34 To improve your chances for part marks, show each _____ of your work
35 The answer to a division problem
36 A math problem instruction: rewrite the question in its most basic form
37 A math problem instruction: rewrite the question in its most basic form
38 A math problem instruction: rewrite the question in its most basic form
SOLUTION

Across.
(1) theorem
(4) grouping
(6) prime
(8) order
(9) exist
(12) odd
(14) simplify
(15) solve
(17) collect
(18) BEDMAS
(20) add
(23) rational
(24) isolate
(26) sum
(27) evaluate
(29) quotient
(32) constant
(34) axis
(35) factors
(38) parabola
(39) mile
(40) step
(41) fraction
(42) natural

Down.
(1) time
(2) root
(3) integers
(4) graph
(5) polynomials
(6) product
(7) exponent
(10) substitute
(11) difference
(13) drill
(16) variable
(19) financial
(21) domain
(22) composite
(25) even
(28) equals
(30) equation
(31) total
(33) term
(35) four
(36) cancel
(37) sign