

# Algebra Pinball Table

Row #	Algebra Pinball Exercise	Use these columns to record your times!	
1	Expressions versus Sentences		
2	Basic Addition Practice		
3	Multiplication		
4	Divisibility		
5	Mixed Basic Add/Subtract Multiply/Divide Practice		
6	Deciding if a Number is a Whole Number, an Integer, etc.		
7	Addition of Signed Numbers		
8	Subtraction of Signed Numbers		
9	Mixed Addition and Subtraction of Signed Numbers		
10	Writing Fractions with a Denominator of 2 in Decimal Form		
11	Average of Two Signed Numbers		
12	Average of Three Signed Numbers		
13	Identifying Place Values		
14	Multiplying by Powers of Ten		
15	Changing Decimals to Fractions		
16	Multiplying and Dividing Decimals by Powers of Ten		
17	Changing Decimals to Percents		
18	Changing Percents to Decimals		
19	Interval and List Notation		
20	Reading Set Notation		

Row #	Algebra Pinball Exercise	Use these columns to record your times!	
21	Solving Simple Sentences By Inspection		
22	Using Mathematical Conventions		
23	Rewriting Fractions as a Whole Number Plus a Fraction		
24	Locating Fractions on a Number Line		
25	Fractions Involving Zero		
26	Finding Reciprocals		
27	Determining if a Product is Positive or Negative		
28	Multiplying and Dividing Fractions		
29	Practice with the Form $a(b/c)$		
30	More Practice with the Form $a(b/c)$		
31	Practice With Multiples		
32	Finding Least Common Multiples		
33	Renaming Fractions with a Specified Denominator		
34	Practice With Factors		
35	Adding and Subtracting Fractions		
36	Divisibility Equivalences		
37	Prime Numbers		
38	Relatively Prime Numbers and Related Concepts		
39	Identifying Inequalities as True or False		
40	Practice with the Phrases “at least” and “at most”		

Row #	Algebra Pinball Exercise	Use these columns to record your times!	
41	Identifying Inequalities with Variables as True or False		
42	Solving Equations of the form $xy = 0$		
43	Recognizing Zero and One		
44	Writing Fractions in Simplest Form		
45	Deciding if a Fraction is a Finite or Infinite Repeating Decimal		
46	Deciding if Numbers are Equal or Approximately Equal		
47	Rounding Decimals to a Specified Number of Places		
48	Classifying Units as Length, Time, Volume, Weight/Mass		
49	Practice with Unit Abbreviations		
50	Practice with Unit Names		
51	Practice with Unit Conversion Information		
52	One-Step Conversions		
53	Practice with Exponents		
54	Practice with Order of Operations		
55	Taking PEMDAS Too Literally: Don't Make This Mistake!		
56	Basic Exponent Practice with Fractions		
57	Practice with $x^m x^n = x^{m+n}$		
58	Practice with $(x^m)^n = x^{mn}$		
59	Practice with $\frac{x^m}{x^n} = x^{m-n}$		
60	Practice with $x^{-p} = \frac{1}{x^p}$		

Row #	Algebra Pinball Exercise	Use these columns to record your times!	
61	One-Step Exponent Law Practice		
62	Multi-Step Exponent Law Practice		
63	Practice with Radicals		
64	Approximating Radicals		
65	Practice with Rational Exponents		
66	Practice with $x$ and $-x$		
67	Practice with Products of Signed Variables		
68	Practice with the Distributive Law		
69	Mental Math: Addition		
70	Equal or Opposites?		
71	Recognizing the Patterns $x^n$ and $(-x)^n$		
72	Writing Expressions in the Form $kx^n$		
73	Writing More Complicated Expressions in the Form $kx^n$		
74	Writing Quite Complicated Expressions in the Form $kx^n$		
75	Identifying Variable Parts and Coefficients of Terms		
76	Combining Like Terms		
77	Simplifying Expressions Like $-a(3b - 2c - d)$		
78	Basic FOIL		
79	More Complicated FOIL		
80	Simplifying $(a + b)^2$ and $(a - b)^2$		
81	Simplifying Expressions Like $(a - b)(c + d - e)$		

Row #	Algebra Pinball Exercise	Use these columns to record your times!	
82	Practice with the Mathematical Words <b>and</b> , <b>or</b> , and <b>is equivalent to</b>		
83	Recognizing Products and Sums; Identifying Factors and Terms		
84	Identifying Common Factors		
85	Factoring Simple Expressions		
86	Listing All the Factors of a Whole Number		
87	Finding the Greatest Common Factor of 2 or 3 Numbers		
88	Finding the Greatest Common Factor of Variable Expressions		
89	Factoring Out the Greatest Common Factor		
90	Solving Simple Linear Equations with Integer Coefficients		
91	Solving More Complicated Linear Equations with Integer Coefficients		
92	Solving Linear Equations Involving Fractions		
93	Solving Linear Equations, All Mixed Up		
94	Simplifying Basic Absolute Value Expressions		
95	Determining the Sign (Plus or Minus) of Absolute Value Expressions		
96	Identifying Perfect Squares		
97	Factoring Trinomials		
98	Identifying Quadratic Equations		
99	Factoring Trinomials of the Form $ax^2 + bx + c$		
100	Writing Expressions Involving Percent Increase and Decrease		