

MATH TEST 1 STUDY TOOL

Directions: Use the table to identify the type of question and what category it falls into to better help you know what content you need to study.

#	Question Type	Category
1	Exponent Rules	Algebra
2	Sum of interior angles	Geometry
3	Arithmetic problems	Integrating Essential Skills
4	Percent word problems	Integrating Essential Skills
5	Arithmetic sequences and series	Functions
6	Matrices	Number & Quantity
7	Arithmetic problems	Integrating Essential Skills
8	Slope	Algebra
9	Similar and congruent shapes	Geometry
10	Trig functions	Geometry
11	Pythagorean Theorem	Geometry
12	Solving quadratic equations	Algebra
13	Translate points	Geometry
14	Exponent rules/ logarithms	Functions
15	Manipulate equations and expressions	Algebra
16	Least common multiple	Number & Quantity
17	Area and perimeter of squares	Integrating Essential Skills
18	Ratios and proportions	Integrating Essential Skills
19	Arithmetic sequences & series	Functions
20	Unit conversion	Integrating Essential Skills
21	Venn diagrams	Statistics & Probability
22	Mean, median, mode	Integrating Essential Skills
23	Equation of a circle	Geometry
24	Mean, median, mode	Statistics & Probability
25	Systems of equations	Algebra

26	Special right triangles	Geometry
27	Evaluate functions	Functions
28	Properties of numbers	Number & Quantity
29	Composition of functions	Functions
30	Manipulate equations and expressions	Algebra
31	Interpret graphs	Integrating Essential Skills
32	Graph trig functions	Functions
33	Manipulate equations and expressions	Algebra
34	Properties of numbers	Number & Quantity
35	Weighted average	Statistics & Probability
36	Area of a triangle	Geometry
37	Properties of rational exponents	Number & Quantity
38	Midpoint	Geometry
39	Circumference	Integrating Essential Skills
40	Complex numbers	Number & Quantity
41	Logarithms	Functions
42	Properties of rational exponents	Number & Quantity
43	Law of sines and cosines	Functions
44	Mean, median, mode	Statistics & Probability
45	Counting principles	Statistics & Probability

Note: The ACT may access multiple skills in one question.