Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**TASC Math Practice Test V4 (G, H, I Aligned) – Score Report Part 1**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| # | Geometry | Algebra | Functions | Statistics & Probability | Number & Quantity | Content | D79 Unit | P2Gmath.com  |
| 1 |  |  |  |  |  | Identify a function by analyzing domain and range | 8 | F1 |
| 2 |  |  |  |  |  | Rules of exponents | 1 | NQ1 |
| 3 |  |  |  |  |  | Solving systems of linear equations | 2 | A1 |
| 4 |  |  |  |  |  | Undefined rational functions | 3 | A2 |
| 5 |  |  |  |  |  | Describe the process of solving a linear equation | 2 | A1 |
| 6 |  |  |  |  |  | Interpret an exponential growth function | 9 | F2 |
| 7 |  |  |  |  |  | Systems of linear equations | 8 | F1 |
| 8 |  |  |  |  |  | Solving radical equations | 4 | A3 |
| 9 |  |  |  |  |  | Pythagorean Theorem, perimeter | 6 | G1 |
| 10 |  |  |  |  |  | Factoring quadratic expressions | 3 | A2 |
| 11 |  |  |  |  |  | Population density | 6 | G1 |
| 12 |  |  |  |  |  | Pythagorean Theorem | 6 | G1 |
| 13 |  |  |  |  |  | Solving quadratic equations | 4 | A3 |
| 14 |  |  |  |  |  | Volume of a pyramid | 7 | G2 |
| 15 |  |  |  |  |  | Arc length | 6 | G1 |
| 16 |  |  |  |  |  | Relative frequency | 12 | SP2 |
| 17 |  |  |  |  |  | Arithmetic sequences | 8 | F1 |
| 18 |  |  |  |  |  | Density | 7 | G2 |
| 19 |  |  |  |  |  | Evaluate a piecewise function from its graph | 10 | F3 |
| 20 |  |  |  |  |  | Relate the 3-views of linear functions (slope/rate of change) | 8 | F1 |
| 21 |  |  |  |  |  | Solve linear equations | 2 | A1 |
| 22 |  |  |  |  |  | Evaluate a function using function notation | 8 | F1 |
| 23 |  |  |  |  |  | Find the diameter of a circle given the circumference | 6 | G1 |
| 24 |  |  |  |  |  | Probability  | 11 | SP2 |
| 25 |  |  |  |  |  | Determine time given speed and distance | 1 | NQ1 |
|  | /7 | /7 | /7 | /2 | /2 | Total Correct /25 % |

**TASC Math Practice Test V4 (G, H, I Aligned) Score Report – Part 2**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| # | Geometry | Algebra | Functions | Statistics & Probability | Number & Quantity | Content | D79 Unit | P2Gmath.com  |
| 26 |  |  |  |  |  | Rational and irrational numbers | 1 | NQ1 |
| 27 |  |  |  |  |  | Absolute value function and its graph | 10 | F3 |
| 28 |  |  |  |  |  | Subtract a polynomial from a polynomial | 3 | A2 |
| 29 |  |  |  |  |  | Interpret linear functions in context | 8 | F1 |
| 30 |  |  |  |  |  | Match a linear function to its graph | 8 | F1 |
| 31 |  |  |  |  |  | Ratio and proportion | 1 | NQ1 |
| 32 |  |  |  |  |  | Precisely define 2-D geometric figures | 13 | G1 |
| 33 |  |  |  |  |  | Interpret a linear inequality in context  | 2 | A1 |
| 34 |  |  |  |  |  | Simplify monomials | 3 | A2 |
| 35 |  |  |  |  |  | Literal equations | 5 | A4 |
| 36 |  |  |  |  |  | Graphing cubic functions | 10 | F3 |
| 37 |  |  |  |  |  | Mean and Median  | 12 | SP1 |
| 38 |  |  |  |  |  | Key features of a quadratic graph | 12 | F2 |
| 39 |  |  |  |  |  | Finding volume in context | 13 | G2 |
| 40 |  |  |  |  |  | Match a graph to a linear inequality | 2 | A1 |
| 41 |  |  |  |  |  | Probability | 11 | SP2 |
| 42 |  |  |  |  |  | Graphically solve a system of linear and quadratic functions | 9 | F2 |
| 43 |  |  |  |  |  | Interpret a system of linear functions in context  | 11 | F1 |
| 44 |  |  |  |  |  | Interpret correlation between variables from a scatter plot  | 12 | SP1 |
| 45 |  |  |  |  |  | Rotational geometry  | 6 | G2 |
| 46 |  |  |  |  |  | Find a total given $/hr. and time | 1 | NQ1 |
| 47 |  |  |  |  |  | Solve a two-step word problem | 1 | NQ1 |
| 48 |  |  |  |  |  | Evaluate a linear equation | 2 | A1 |
| 49 |  |  |  |  |  | Transformations on the coordinate plane | 6 | G1 |
| 50 |  |  |  |  |  | Similar triangles | 7 | G1 |
|  | /5 | /6 | /7 | /3 | /4 | Total Correct /25 % | Total Correct /25 % |

|  |  |  |
| --- | --- | --- |
| **Breakdown by Domain** |  | **Breakdown by Section** |
| Geometry | /12 | % |  | Part 1 | /25 | % |
| Algebra | /13 | % |  |
| Functions | /14 | % |  | Part 2 | /25 | % |
| Statistics & Probability | /5 | % |  |
| Number & Quantity | /6 | % |  | Total | /50 | % |
|  |  |  |  |

TASC Math Practice Test V4 (G, H, I, Aligned) – Answer Key

|  |  |
| --- | --- |
| Part 1 | Part 2 |
| # | **Answer** | **#** | **Answer** |
| 1 | D | 26 | C |
| 2 | A | 27 | A |
| 3 | D | 28 | A |
| 4 | B | 29 | B |
| 5 | B | 30 | D |
| 6 | A | 31 | C |
| 7 | D | 32 | D |
| 8 | C | 33 | B |
| 9 | C | 34 | C |
| 10 | B | 35 | A |
| 11 | C | 36 | C |
| 12 | B | 37 | C |
| 13 | D | 38 | A |
| 14 | D | 39 | B |
| 15 | B | 40 | D |
| 16 | C | 41 | B |
| 17 | A | 42 | C |
| 18 | C | 43 | A |
| 19 | C | 44 | D |
| 20 | C | 45 | A |
| 21 | 37 | 46 | 87.50 |
| 22 | 260 | 47 | 200 |
| 23 | 1.5 | 48 | 760 |
| 24 | $\frac{2}{25}$ Or 0.08 | 49 | (2, -1) |
| 25 | 37.5 | 50 | 9 |