**Accelerated 1**

**Spring Student Enrichment Packet**



***ANSWER KEY***

PRINCE GEORGE’S COUNTY PUBLIC SCHOOLS

Office of Academic Programs

Department of Curriculum and Instruction

**™**

**Accelerated 1 Spring Student Enrichment Packet**

**Answer Key**

|  |  |
| --- | --- |
| **Problem** | **Answer** |
| 1 |  |
| 2 | 123 |
| 3 | A |
| 4 Part A | $1.50 |
|  Part B | I know that each page costs $1.50, so 36 ÷ 1.5 = 24. So, a $36 photo book would have 24 pages |
|  Part C | 1.5 x 0.4 = 0.6, and 0.6 + 1.5 = 2.10. So, each page of a large photo book costs $2.10. If a large photo book has 30 pages, then 30 x $2.10 = $63 for the large photo book.  |
| 5 Part A |  |
|  Part B | j = 3m or m = $\frac{1}{3}$j |
|  Part C | Plotted points and graph line should show the correct relationship between makeup and jewelry expenses (that jewelry expenses are three times those of makeup). |
|  Part D | The two points should have second coordinates that are three times the first.  |
| 6 | D  |
| 7 | C |
| 8 | A |
| 9 | C |
| 10  | A, B, D |
| 11 | C |
| 12.  | North Carolina, Syracuse, Kentucky, Arizona |
| 13.  |  $2(\frac{3}{4}+\frac{5}{8}y-2x)$ |
| 14.  | B |
| 15.  | A  |