Name Date

1. Estimate the product first. Solve by using the standard algorithm. Use your estimate to check the reasonableness of the product.

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| 1. 312 × 149   ≈ 300 × 100  = 30,000  3 1 2  ×  1 4 9 | 1. 743 × 295 | 1. 428 × 637 |
| 1. 691 × 305 | 1. 4,208 × 606 | 1. 3,068 × 523 |
| 1. 430 × 3,064 | 1. 3,007 × 502 | 1. 254 × 6,104 |

1. When multiplying 1,729 times 308, Clayton got a product of 53,253. Without calculating, does his product seem reasonable? Explain your thinking.
2. A publisher prints 1,912 copies of a book in each print run. If they print 305 runs, the manager wants to know about how many books will be printed. What is a reasonable estimate?