

Name: _____ Date: _____

Definitions

Column subtraction: A strategy for subtracting multi-digit numbers by stacking them on top of each other, lining up the place values, and subtracting each column from right to left. When a column requires a value greater than what is available, we regroup by borrowing from the next column.

Instructions

Solve each subtraction problem using column subtraction.

Example

Problem: $672 - 338$

Set up the problem by stacking the numbers.

$$\begin{array}{r} 672 \\ - 338 \\ \hline \end{array}$$

We cannot subtract 8 from 2 in the ones column, so we need to borrow. Take 1 from the tens column and add 10 to the ones column. 7 becomes 6, and 2 becomes 12. We can now subtract the ones column: $12 - 8 = 4$.

$$\begin{array}{r} 66\boxed{12} \\ - 33\boxed{8} \\ \hline 4 \end{array}$$

Subtract the tens column: $6 - 3 = 3$.

$$\begin{array}{r} 6\boxed{6}12 \\ - 3\boxed{3}8 \\ \hline 34 \end{array}$$

Subtract the hundreds column: $6 - 3 = 3$.

$$\begin{array}{r} \boxed{6}612 \\ - \boxed{3}38 \\ \hline 334 \end{array}$$

Answer: 334

- | | | | | |
|----------------|-----------------|-----------------|-----------------|-----------------|
| 1. $368 - 125$ | 6. $399 - 153$ | 11. $600 - 129$ | 16. $200 - 154$ | 21. $731 - 459$ |
| 2. $499 - 352$ | 7. $499 - 321$ | 12. $599 - 386$ | 17. $320 - 81$ | 22. $846 - 257$ |
| 3. $500 - 186$ | 8. $499 - 294$ | 13. $182 - 145$ | 18. $392 - 327$ | 23. $905 - 368$ |
| 4. $599 - 275$ | 9. $599 - 457$ | 14. $291 - 263$ | 19. $310 - 93$ | 24. $634 - 179$ |
| 5. $589 - 462$ | 10. $599 - 368$ | 15. $291 - 72$ | 20. $212 - 138$ | 25. $752 - 486$ |