

Name: _____ Date: _____

After seeing both methods, I want you to think, why would I want to know how to use both methods?

- When would the standard form method be useful?
- When would the exponent method be useful?

Example 3: $(7.38 \times 10^8) - (1.161 \times 10^7)$

Example 4: $(8.41 \times 10^3) + (9.71 \times 10^4)$

Example 5: $(1.263 \times 10^9) - (1.525 \times 10^7)$

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Example 6: $(2.85 \times 10^7) + (1.61 \times 10^9)$

Example 7: $(8.23 \times 10^6) + (6.91 \times 10^5)$

Example 8: $(4.9 \times 10^{18}) + (5.8 \times 10^{15})$

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Example 9: $(9.3 \times 10^{-5}) - (3.25 \times 10^{-3})$

Example 10: $(5.12 \times 10^{-4}) - (2.9 \times 10^{-3})$

Example 11: $(4.1 \times 10^{-2}) + (8.4 \times 10^{-3})$

Example 12: $(3.5 \times 10^{13}) + (7.3 \times 10^{12})$