Example 1   Express each number in scientific notation.

20. 1,220,000   **21** 58,600,000   **22.** 1,405,000,000,000

23. 0.0000013   **24.** 0.000056   **25.** 0.000000000709

EMAIL Express each number in scientific notation.

26. Approximately 100 million emails sent to the President are put into the National Archives.

27. By 2015, the email security market will generate $6.5 billion.

Example 2   Express each number in standard form.

28. 1×10^{12} **29.** 9.4×10^{7} **30.** 8.1×10^{-3}

31. 5×10^{-4} **32.** 8.73×10^{11} **33.** 6.22×10^{-6}

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