

Simplify the following expressions. Put final answer in proper scientific notation.

1.  $(2.7 \times 10^5) + (3.1 \times 10^5)$

2.  $(6.7 \times 10^7) + (4.8 \times 10^7)$

3.  $(1.4 \times 10^3) + (5.1 \times 10^5)$

4.  $(6.4 \times 10^{-4}) + (2.3 \times 10^{-4})$

5.  $(8.2 \times 10^{-5}) + (2.78 \times 10^{-3})$

6.  $(7.8 \times 10^5) - (2.4 \times 10^5)$

7.  $(4.3 \times 10^6) - (3.4 \times 10^5)$

8.  $(7.4 \times 10^{-4}) - (2.7 \times 10^{-4})$

9.  $(8.2 \times 10^{-7}) - (1.6 \times 10^{-8})$

10.  $(3.8 \times 10^5)(2.0 \times 10^8)$

11.  $(2.6 \times 10^8)(3.0 \times 10^{-3})$

12.  $(5.7 \times 10^{-3})(1.2 \times 10^{-6})$

13.  $\frac{18 \times 10^8}{6 \times 10^4}$

14.  $\frac{6.8 \times 10^4}{2 \times 10^6}$

15.  $\frac{4 \times 10^{10}}{8 \times 10^6}$

16.  $\frac{2.84 \times 10^{12}}{7.1 \times 10^5}$