

10.7 Practice A

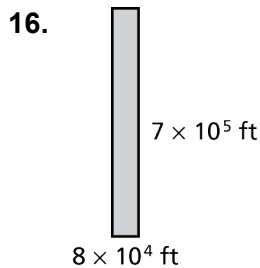
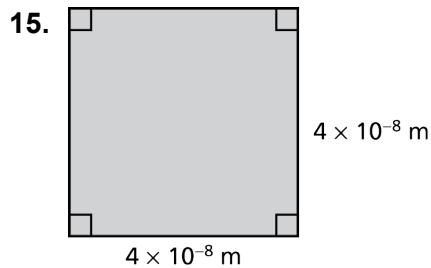
Find the sum or difference. Write your answer in scientific notation.

1. $(2 \times 10^4) + (5 \times 10^4)$
2. $(3.5 \times 10^{-3}) + (1 \times 10^{-3})$
3. $(8.3 \times 10^{-5}) - (4.4 \times 10^{-5})$
4. $(7.2 \times 10^9) - (5.8 \times 10^9)$
5. $(7.4 \times 10^{-6}) + (5 \times 10^{-6})$
6. $(7.13 \times 10^{12}) + (8.04 \times 10^{12})$

Find the product or quotient. Write your answer in scientific notation.

7. $(1 \times 10^5) \times (4 \times 10^2)$
8. $(8 \times 10^5) \div (4 \times 10^5)$
9. $(2 \times 10^{-4}) \times (3 \times 10^7)$
10. $(9 \times 10^7) \div (3 \times 10^2)$
11. $(6 \times 10^{-12}) \times (7 \times 10^{-9})$
12. $(8 \times 10^5) \times (8 \times 10^5)$
13. $(2 \times 10^{-3}) \times (1.1 \times 10^2)$
14. $(9 \times 10^{-7}) \times (2.5 \times 10^3)$

Find the area of the figure. Write your answer in scientific notation.



17. The table shows the volumes of the three largest giant sequoia trees. Which tree has the greatest volume? How much greater is its volume than each of the other two trees?

Tree Name	Volume (cubic feet)
General Grant	4.66×10^4
General Sherman	5.25×10^4
Washington	4.785×10^4