

Pg 452-453 #2, 5, 6, 16-27

2. no; You can use the Commutative and Associative Properties of Multiplication to group the factors and the powers of 10. Then, you multiply the factors and multiply the powers of 10.

5. 4.947×10^{11}

6. 2.79×10^8

16. 3.5×10^8

17. 2.9×10^{-3}

18. 3×10^{-6}

19. 1.5×10^0

20. 5×10^{-1}

21. 2.88×10^{-7}

22. 9.1×10^3

23. 1.12×10^{-2}

24. about 12 times greater

25. 4.006×10^9

26. 2.9×10^{-2}

27. $1.962 \times 10^8 \text{ cm}$