Practice Set 17

Write each number in scientific notation.

1. 5,240,000 _____

2. 10,600,000,000 _____

3. 4,500,000 _____

4. 23,000,000,000 _____

5. 9,000,000,000,000 _____

6. 140,000,000,000 _____

Write each number in standard notation.

7. $3.2 * 10^5$ _____

8. $4.0 * 10^7$ _____

9. $1.23 * 10^8$ _____

10. $6.12 * 10^6$ _____

11. $5.0 * 10^9$ _____

12. $2.5 * 10^{10}$ _____

Write the next three numbers in each pattern.

13. 11, 26, 41, _____, _____, _____

14. 865, 870, 875, _____, _____, _____

15. 44, 56, 68, _____, _____, _____

16. $2\frac{1}{2}$, $2\frac{3}{4}$, 3, _____, _____, _____

17. A number has:
1 in the billions place
6 in the hundred-thousands place
4 in the ten-billions place
2 in the thousands place
5 in the hundred-millions place
0 in the rest of the places

Write the number. _____

Rename as a whole or mixed number.

18. $\frac{21}{1}$ _____

19. $\frac{17}{3}$ _____

20. $\frac{35}{4}$ _____

21. $\frac{20}{9}$ _____

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Estimate each quotient. Write a number sentence to show how you estimated.

22. 14.4 / 3 _____

23. 83.6 / 4 _____

24. 47.72 / 11 _____

25. 33.1 / 7 _____

26. 89.7 / 9 _____

27. 52.6 / 6 _____

28. 71.7 / 8 _____

29. 65.28 / 6 _____

Divide. Round to the nearest hundredth.

30. $\frac{29}{7}$ _____

31. $\frac{35}{3}$ _____

32. $\frac{51}{9}$ _____

33. $\frac{70}{8}$ _____

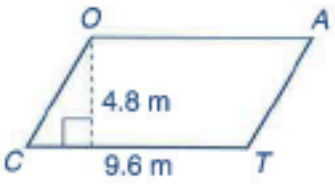
34. $\frac{64}{6}$ _____

35. $\frac{47}{9}$ _____

36. $\frac{85}{4}$ _____

37. $\frac{93}{7}$ _____

Triangle: Area $= \frac{1}{2} * \text{base} * \text{height}$
Parallelogram: Area $=$ base $*$ height



38. What is the name of the figure?

_____

39. What is its area?

_____

40. What is the name of the figure?

_____

41. What is its area?

_____