School786
AN ONLINE SCHOOL

Name: Due Date: Teacher: Parent Sign:

Multiplying & dividing in scientific notation

1) $(3 \times 10^4) \times (2 \times 10^3) = ?$

2) $(5 \times 10^6) \div (2 \times 10^2) = ?$

3) $(4.5 \times 10^3) \times (2 \times 10^2) = ?$

4) $(6 \times 10^5) \div (3 \times 10^2) = ?$

5) $(7 \times 10^{-2}) \times (3 \times 10^3) = ?$

6) $(9 \times 10^8) \div (3 \times 10^4) = ?$

7) $(2.5 \times 10^2) \times (4 \times 10^1) = ?$

8) $(1.2 \times 10^5) \div (4 \times 10^2) = ?$

9) $(8 \times 10^{-3}) \times (5 \times 10^2) = ?$

10) $(3 \times 10^7) \div (6 \times 10^1) = ?$

11) $(4 \times 10^4) \times (2.5 \times 10^{-1}) = ?$

12) $(7.5 \times 10^3) \div (2.5 \times 10^1) = ?$

13) $(3 \times 10^{-4}) \times (2 \times 10^{-3}) = ?$

14) $(6 \times 10^9) \div (2 \times 10^6) = ?$

15) $(5 \times 10^0) \times (4 \times 10^2) = ?$

Multiplying three numbers in scientific notation

16) $(2 \times 10^3) \times (3 \times 10^2) \times (4 \times 10^1) = ?$

17) $(1 \times 10^4) \times (2 \times 10^3) \times (5 \times 10^1) = ?$

18) $(3 \times 10^2) \times (4 \times 10^1) \times (5 \times 10^0) = ?$

19) $(7 \times 10^5) \times (2 \times 10^{-1}) \times (5 \times 10^2) = ?$

20) $(1.5 \times 10^3) \times (2 \times 10^2) \times (4 \times 10^0) = ?$

21) $(2 \times 10^{-2}) \times (3 \times 10^3) \times (5 \times 10^1) = ?$

22) $(4 \times 10^6) \times (5 \times 10^{-3}) \times (2 \times 10^1) = ?$

23) $(3 \times 10^1) \times (3 \times 10^1) \times (3 \times 10^1) = ?$

24) $(6 \times 10^2) \times (1 \times 10^2) \times (5 \times 10^{-1}) = ?$

25) $(9 \times 10^{-1}) \times (2 \times 10^3) \times (5 \times 10^0) = ?$

26) $(1 \times 10^0) \times (1 \times 10^1) \times (1 \times 10^2) = ?$

27) $(2.5 \times 10^2) \times (4 \times 10^1) \times (2 \times 10^0) = ?$

28) $(3 \times 10^{-3}) \times (2 \times 10^{-2}) \times (5 \times 10^4) = ?$

29) $(7 \times 10^3) \times (3 \times 10^2) \times (1 \times 10^{-4}) = ?$

30) $(5 \times 10^4) \times (2 \times 10^{-2}) \times (4 \times 10^0) = ?$

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Subtracting in scientific notation

31) (5.0×10^6) - $(3.2 \times 10^6) = ?$

32) (9.0×10^4) - $(2.5 \times 10^4) = ?$

33) (7.2×10^3) - $(1.2 \times 10^3) = ?$

34) (4.5×10^5) - $(1.5 \times 10^5) = ?$

35) (1.0×10^7) - $(2.5 \times 10^6) = ?$

36) (6.0×10^{-2}) - $(2.5 \times 10^{-2}) = ?$

37) (3.0×10^2) - $(7.5 \times 10^1) = ?$

38) (8.0×10^5) - $(3.0 \times 10^4) = ?$

39) (2.50×10^3) - $(1.25 \times 10^3) = ?$

40) (5.00×10^{-1}) - $(2.00 \times 10^{-1}) = ?$

Simplifying in scientific notation challenge

41) Simplify $(3 \times 10^4) \times (2 \times 10^{-2}) = ?$

42) Simplify $(6 \times 10^6) \div (3 \times 10^2) \times (5 \times 10^{-1}) = ?$

43) Simplify $(4.5 \times 10^3) \times (2 \times 10^2) \div (9 \times 10^1) = ?$

44) Simplify $(8 \times 10^{-3}) \div (2 \times 10^2) = ?$

45) Simplify $(3 \times 10^5) \times (4 \times 10^{-6}) \div (6 \times 10^{-2}) = ?$

46) Simplify $(1.2 \times 10^4) \div (4 \times 10^2) = ?$

47) Simplify $(7 \times 10^8) \times (2 \times 10^{-9}) \times (5 \times 10^0) = ?$

48) Simplify $(9 \times 10^2) \div (3 \times 10^{-1}) = ?$

49) Simplify $(2.5 \times 10^{-4}) \times (4 \times 10^2) \div (5 \times 10^0) = ?$

50) Simplify $(5 \times 10^3) \times (2 \times 10^{-1}) \div (4 \times 10^{-2}) = ?$