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Give answers in scientific notation with correct significant figures.

Problem	Answer	Problem	Answer
1. $(2.0 \times 10^3)(3.0 \times 10^4)$		5. $(5.0 \times 10^4)(6.0 \times 10^4)$	
2. $(4.5 \times 10^{-2})(2.0 \times 10^5)$		6. $(1.2 \times 10^6) \div (4.0 \times 10^{-2})$	
3. $(6.0 \times 10^8) \div (2.0 \times 10^3)$		7. $(3.3 \times 10^2)(3.0 \times 10^{-5})$	
4. $(8.4 \times 10^{-3}) \div (2.1 \times 10^{-5})$		8. $(9.0 \times 10^{12}) \div (3.0 \times 10^{15})$	

Notes

Answer key – Multiply and divide

#	Problem	Answer
1	$(2.0 \times 10^3)(3.0 \times 10^4)$	6.0×10^7
2	$(4.5 \times 10^{-2})(2.0 \times 10^5)$	9.0×10^3
3	$(6.0 \times 10^8) \div (2.0 \times 10^3)$	3.0×10^5
4	$(8.4 \times 10^{-3}) \div (2.1 \times 10^{-5})$	4.0×10^2
5	$(5.0 \times 10^4)(6.0 \times 10^4)$	3.0×10^9
6	$(1.2 \times 10^6) \div (4.0 \times 10^{-2})$	3.0×10^7
7	$(3.3 \times 10^2)(3.0 \times 10^{-5})$	9.9×10^{-3}
8	$(9.0 \times 10^{12}) \div (3.0 \times 10^{15})$	3.0×10^{-3}

Notes