

# Standard form

## **Multiplying standard form:**

Calculate the following and put the answer in standard form:

a)  $2 \times 10^2 \times 4 \times 10^5 =$

b)  $1 \times 10^6 \times 6 \times 10^3 =$

c)  $1.3 \times 10^8 \times 7 \times 10^2 =$

d)  $4.2 \times 10^3 \times 5 \times 10^{12} =$

e)  $6.5 \times 10^2 \times 3.8 \times 10^5 =$

f)  $1.2 \times 10^3 \times 3 \times 10^{15} =$

g)  $3.5 \times 10^7 \times 4.2 \times 10^{13} =$

h)  $9.12 \times 10^{12} \times 2.5 \times 10^6 =$

i)  $8.55 \times 10^{10} \times 1.8 \times 10^{15} =$

j)  $7.22 \times 10^6 \times 8.1 \times 10^6 =$

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## Dividing standard form:

Calculate the following and put the answer in standard form:

k)  $6 \times 10^7 \div 2 \times 10^3 =$

l)  $9 \times 10^8 \div 3 \times 10^2 =$

m)  $8 \times 10^{11} \div 4 \times 10^4 =$

n)  $7 \times 10^{12} \div 2 \times 10^8 =$

o)  $6.4 \times 10^3 \div 3.2 \times 10^6 =$

p)  $2.5 \times 10^9 \div 5 \times 10^4 =$

q)  $1.6 \times 10^{10} \div 8 \times 10^7 =$

r)  $2.61 \times 10^{23} \div 9 \times 10^{12} =$

s)  $1.25 \times 10^9 \div 2.5 \times 10^{15} =$

t)  $8.44 \times 10^6 \div 2.11 \times 10^{16} =$