

1 Write these numbers in standard form.

a 7600

c 590 000

e 35 000

g 77 100 000

i 95 400 000 000

b 1 700 000 000

d 6 800 000

f 310 000 000

h 523 000 000 000

j 540

2 Write these numbers in standard form.

a 0.000 56

c 0.000 000 812

e 0.000 058

g 0.26

i 0.000 000 000 167

b 0.000 068 7

d 0.0043

f 0.000 003 12

h 0.092

j 0.000 06

3 A microsecond is one millionth of a second. Write 5 microseconds in standard form.

4 Sharks existed 410 million years ago.

a Write this number in standard form.

b Express this number correct to one significant figure.



5 Write each of the following as a basic numeral.

a 1.12×10^5

c 5.2×10^3

e 2.4×10^2

g 3.9×10^6

i 6.4×10^4

b 5.34×10^8

d 8.678×10^7

f 7.8×10^9

h 2.8×10^1

j 3.5×10^4

6 Write each of the following as a basic numeral.

a 3.5×10^{-4}

c 1.63×10^{-7}

e 4.9×10^{-2}

g 4.12×10^{-8}

i 3.0×10^{-9}

b 7.9×10^{-6}

d 5.81×10^{-3}

f 9.8×10^{-1}

h 6.33×10^{-5}

j 7.134×10^{-9}