

## Write these numbers in standard index form (Scientific notation):

Check your answers regularly, especially near the beginning. Don't practice mistakes!

N.B. Computers often print numbers in standard form using the format shown in the answers, using E+/-n (E is short for Exponent of ten) instead of  $\times 10^{+/-n}$

## Answers

example	93.		$9.3 \times 10^1$		9.3 E+1
example	0.034 5		$3.45 \times 10^{-2}$		3.45 E-2
example	1 234 567 890.		$1\,234\,567\,890 \times 10^9$		1.234 567 89 E+9
example	2 789.242		$2.789242 \times 10^3$		2.789 242 E+3
example	0.000 345		$3.45 \times 10^{-4}$		3.45 E-4
1)	12.			Cover up or fold over to conceal the answers. Check your answers regularly	1.2 E+1
2)	123.				1.23 E+2
3)	427.56				4.275 6 E+2
4)	1.2				1.2 E+0
5)	9 000 000.				9. E+6
6)	3 200.				3.2 E+3
7)	12 500 000 000.				1.25 E+10
8)	0.000 3				3. E-4
9)	0.007				7. E-3
10)	0.007 007				7.007 E-3
11)	one thousand three hundred				1.3 E+3
12)	two hundred and five				2.05 E+2
13)	three thousand and fifty six				3.056 E+3
14)	602 214 179 300 000 000 000 000.	(Avogadro's number)			6.022 141 793 E+23
15)	300 000 000 m/s	(approx. speed of light)			3. E+8
16)	0.000000000000000000000000000091 kg	(mass of electron)			9.1 E-31
17)	14 000 000 000 years	(Age of universe)			14 000 000 000 years
18)					0. E+0
19)					0. E+0
20)					0. E+0

