Standard Form

Converting from standard form

Core:

1. 30,000
2. 7,200
3. 324,000
4. 84,510
5. 3,460,000

Extension:

1. 207,000
2. 62,090
3. 9.9×10^6 , 4.5×10^4
4. 104,000
5. a) She has added four 0s to the end rather than multiplying the number by 10^4 b)28,000

Challenge:

1. Fiji, Uruguay, Bulgaria, Mozambique
2. 780,000,000
3. 2500, 25×10^2 , 0.25×10^4
4. 2,320,000g
5. a) 37, b) It would take a lot of paper to write out 37 digits! It would be much easier to make a mistake when writing out a large number of digits

Converting to Standard Form

Core:

1. 2.3
2. p=3
3. k=2
4. 3×10^5
5. 6.8×10^4

Extension:

1. 3.18×10^4
2. a) the number being multiplied by a multiple of 10 is greater than 10. b) 2.3×10^3
3. 7.02×10^3
4. 4×10^9
5. 6.4×10^5

Challenge:

1. 2.489×10^7
2. 3.7×10^4
3. 1.9×10^{12}
4. 7.36×10^{13}
5. Lottie, it is difficult to see how many digits are in Craig's work

numerise