

Exercise 1G

- 1 a 358 b 25
 c 109 d 10 016
- 2 a 250 b 110
 c 1020 d 270
- 3 a 100 b 200
 c 1200 d 3100
- 4 a 106 000 b 2000
 c 10 000 d 1000
- 5 Any x where $150 \leq x < 250$
- 6 Any x where $2500 \leq x < 3500$
- 7 Any x where $5.5 \leq x < 6.5$

Exercise 1H

- 1 a 45.7 b 301.1
 c 2.4 d 0.1
- 2 a 0.00 b 201.31
 c 9.62 d 28.08
- 3 a 10.049 b 3.900
 c 201.781 d 0.008
- 4 a 3025.0 b 3024.98
 c 3024.984 d 3000
 e 3000
- 5 a 15.60 b 15.603
 c 16 d 20
- 6 Any x where $2.365 \leq x < 2.375$
- 7 Any x where $4.05 \leq x < 4.15$

Exercise 1I

- 1 a 3 b 1, 2 or 3
 c 1 d 3 or 4
 e 4
- 2 a 300 b 0.07
 c 400 d 0.001
- 3 a 360 b 0.080
 c 1.1 d 1600
- 4 a 2970 b 0.326
 c 10 400 d 0.501
- 5 a 400 b 426
 c 425.9 d 425.88
- 6 a 3 b 3.14
 c 3.1 d 3.142
- 7 a 200 b 4610
 c 2.70
- 8 a 0.3703703704
 b i 0.37
 ii 0.370
 iii 0.3704

Exercise 1M

- 1 2.5×10^{-3} , 10^{10}
- 2 a 1.356×10^5 b 2.45×10^{-3}
 c 1.6×10^{10} d 1.08×10^{-4}
 e 2.3×10^2
- 3 3.4×10^5 , 0.21×10^7 ,
 215×10^4 , 2.3×10^6
- 4 3.621×10^4 , 0.3621×10^4 ,
 3.261×10^3 , 31.62×10^2

Exercise 1N

- 1 a 1.764×10^{17} b 2.25×10^{-4}
 c 1.5×10^{-2}
- 2 a 2.99×10^6
 b 3 000 000 or 3×10^6

Exercise 1J

- 1 a 1.828 cm b 11 cm
- 2 a 2.288 b 20.9
 c 4.5 cm^2