

Unit 6, Week 3: Measurement (mass)

Lesson 1: Mass in action

- Challenge 1**
- 1 a i 0.3 kg ii 0.03 kg iii 0.003 kg
b i 0.7 kg ii 0.07 kg iii 0.007 kg
- 2 a i 0.4 kg ii 0.04 kg iii 0.004 kg
b i 0.9 kg ii 0.09 kg iii 0.009 kg
c i 1.2 kg ii 0.12 kg iii 0.012 kg
- 3 a i 800 g ii 80 g iii 8 g
b i 4500 g ii 4050 g iii 4005 g

- Challenge 2**
- 1 a 6.818 kg, 6.8 kg
b 9.09 kg, 9.1 kg
c 7.366 kg, 7.4 kg
d 14.275 kg, 14.3 kg
e 12.05 kg, 12.1 kg
f 10.025 kg, 10 kg
- 2 a 7.96 kg, 7960 g
b 11.97 kg, 11 970 g
c 16.895 kg, 16 895 g
d 12.405 kg, 12 405 g
e 12.851 kg, 12 851 g
f 20 kg, 20 000 g

- Challenge 3**
- 1 £2 1200 g, 1.2 kg
£1 950 g, 0.95 kg
50p 800 g, 0.8 kg
20p 500 g, 0.5 kg
10p 650 g, 0.65 kg
5p 325 g, 0.325 kg
2p 712 g, 0.712 kg
1p 356 g, 0.356 kg
- 2 a £40 c £10
b £160 d £30