**Name:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Date:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Measurement**

**1** Convert each length to kilometres.

|  |  |  |  |
| --- | --- | --- | --- |
| **a)** 4658 m = km**c)** 1905 m = km | **b)** 5030 m = km

|  |  |
| --- | --- |
|  | **1** |

3 marks |

**2** Convert each length to metres.

|  |  |  |  |
| --- | --- | --- | --- |
| **a)** 0·675 km = m**c)** 807 cm = m | **b)** 536 mm = m

|  |  |
| --- | --- |
|  | **2** |

3 marks |

**3** Convert each length to centimetres.

|  |  |  |  |
| --- | --- | --- | --- |
| **a)** 534 mm = cm**c)** 2·34 m = cm | **b)** 49 mm = cm

|  |  |
| --- | --- |
|  | **3** |

3 marks |

**4** Convert each mass to kilograms.

|  |  |  |  |
| --- | --- | --- | --- |
| **a)** 6455 g = kg**c)** 21·7 t = kg | **b)** 20 056 g = kg

|  |  |
| --- | --- |
|  | **4** |

3 marks |

**5** Convert each mass to grams.

|  |  |  |  |
| --- | --- | --- | --- |
| **a)** 4·72 kg = g**c)** 1·3 kg = g | **b)** 9·275 kg = g

|  |  |
| --- | --- |
|  | **5** |

3 marks |

**6** Convert each capacity to litres.

|  |  |  |  |
| --- | --- | --- | --- |
| **a)** 4750 ml = *l***c)** 12 209 ml = *l* | **b)** 2812 ml = *l*

|  |  |
| --- | --- |
|  | **6** |

3 marks |

Page 1 of 2

**7** Convert each capacity to millilitres.

|  |  |  |  |
| --- | --- | --- | --- |
| **a)** 10·05 *l* = ml**c)** 3·009 *l* = ml | **b)** 6·102 *l* = ml

|  |  |
| --- | --- |
|  | **7** |

3 marks |

**8** Convert these times to the units given.

**a)** 6 h 42 min = min

**b)** 1 day = min

**c)** 14 years = weeks

**d)** 18 weeks = days

**e)** 7 years = months

**f)** 12 min 32 s = s

**g)** 112 h = days h

**h)** 320 min = h min

|  |  |
| --- | --- |
|  | **8** |

9 marks

**i)** 215 days = weeks days

Working out

 Total: out of 30 Mastery:

● use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation up to three decimal places | Page 2 of 2

NYA

A

A&E

|  |  |  |  |
| --- | --- | --- | --- |
| **1** If 26 oranges makes 1·5 *l* of orange juice, on average how many millilitres of juice does each orange give? |

|  |  |
| --- | --- |
|  | **1** |

2 marksWorking out |
| **2** One of Jenny’s steps is 35 cm long. On Tuesday she takes 12 000 steps. How many kilometres does she walk that day? |

|  |  |
| --- | --- |
|  | **2** |

2 marksWorking out |
| **3** The notice in a lift says that it can carry a maximum weight of 1134 kg or 16 people. What is the average maximum weight of each person this lift can carry? |

|  |  |
| --- | --- |
|  | **3** |

2 marksWorking out |
| **4** A box containing 8 cans of ginger beer sells for £3.96. If each can holds 330 ml, how much does the ginger beer cost per litre? |

|  |  |
| --- | --- |
|  | **4** |

2 marksWorking out |
| **5** Mark is moving house and is packing up his things into cardboard boxes measuring 40 cm wide, 65 cm long and 35 cm high. He uses 22 of these boxes. How many cubic metres is this? |

|  |  |
| --- | --- |
|  | **5** |

2 marksWorking out |