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

**Measurement**

|  |  |  |  |
| --- | --- | --- | --- |
| **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 |

 Total: out of 10 Mastery:

● solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate

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