**Fraction of a quantity**

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| --- | --- | --- |
| Name : | Class : | Date : |

|  |  |  |
| --- | --- | --- |
| Mark : | /10 | % |

|  |  |
| --- | --- |
| **1)** Work out the following      a)       $\frac{1}{8}$ of 64     .........     b)       $\frac{1}{5}$ of 40     .........     c)       $\frac{2}{5}$ of 15     ......... | [9]   |
|      d)       $\frac{5}{7}$ of 28     .........     e)       $\frac{5}{7}$ of 20     .........     f)       $\frac{3}{7}$ of 15     ......... |  |
|      g)       $\frac{9}{4}$ of 27     .........     h)       $\frac{1}{4}$ of 16 kg     ......... kg     i)       $\frac{2}{3}$ of 30 s     ......... s |  |
| **2)** Work out the following, giving your answer as a decimal, rounded to 2 d.p where necessary             $\frac{3}{7}$ of 16 mm     ......... mm | [1]   |

**Solutions for the assessment Fraction of a quantity**

|  |  |
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| **1)**  a)  $8$ |      b)  $8$ |
|      c)  $6$ |      d)  $20$ |
|      e)  $14\frac{2}{7}$ |      f)  $6\frac{3}{7}$ |
|      g)  $60\frac{3}{4}$ |      h) 4 kg |
|      i) 20 s | **2)** 6.86 mm |