**Fraction of a quantity**

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

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

|  |  |
| --- | --- |
| **1)** Work out the following      a)       $\frac{1}{4}$ of 28     .........     b)       $\frac{1}{7}$ of 42     .........     c)       $\frac{5}{8}$ of 80     ......... | [9]   |
|      d)       $\frac{2}{3}$ of 12     .........     e)       $\frac{2}{7}$ of 24     .........     f)       $\frac{5}{9}$ of 20     ......... |  |
|      g)       $\frac{8}{3}$ of 14     .........     h)       $\frac{1}{4}$ of 12 mm     ......... mm     i)       $\frac{7}{8}$ of 16 cm     ......... cm |  |
| **2)** Work out the following, giving your answer as a decimal, rounded to 2 d.p where necessary             $\frac{3}{4}$ of 23 mg     ......... mg | [1]   |

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

|  |  |
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| **1)**  a)  $7$ |      b)  $6$ |
|      c)  $50$ |      d)  $8$ |
|      e)  $6\frac{6}{7}$ |      f)  $11\frac{1}{9}$ |
|      g)  $37\frac{1}{3}$ |      h) 3 mm |
|      i) 14 cm | **2)** 17.25 mg |