

Fraction of a quantity

Name:	Class:	Date:
Mark		/ 10
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1) Work out the following [4]

a) $\frac{1}{5}$ of 40

b) $\frac{1}{5}$ of 45s

c) $\frac{6}{7}$ of 56

d) $\frac{5}{6}$ of 30 mg

2) Work out the following, giving your answer as a mixed number, reduced to lowest terms [2]

a) $\frac{3}{5}$ of 18

b) $\frac{6}{5}$ of 26

3) Work out the following, giving your answer as a decimal, rounded to 2 d.p where necessary [1]

Find $\frac{5}{9}$ of 16 mg

4) Find the whole amount of a quantity given the following information [3]

a) $\frac{1}{4}$ of a quantity is 1

b) $\frac{4}{9}$ of a quantity is 4

c) $\frac{8}{13}$ of a quantity is 333.6

Solutions for the assessment Fraction of a quantity

1) a) 8

b) 9 s

c) 48

d) 25 mg

2) a) $10\frac{4}{5}$

b) $31\frac{1}{5}$

3) 8.89 mg

4) a) 4

b) 9

c) 542.1