

Fractions, decimals and percentages

Name :

Class :

Date :

Mark :

/12

%

1) Complete the table

[1]

Fraction	Decimal	Percentage
$\frac{1}{2}$		
	0.25	
		10%

2) Complete the table

[1]

Fraction	Decimal	Percentage
$\frac{1}{4}$		
	0.3	
		60%
$\frac{4}{25}$		

3) Calculate the percentage of the bar that is shaded.

%

[1]



4) Calculate the percentage of the bar that is shaded.

 %

[1]



5) Work out the following

[7]

a) $\frac{1}{2}$ of 2

b) $\frac{1}{4}$ of 36

c) $\frac{3}{4}$ of 16

d) $\frac{4}{5}$ of 40

e) $\frac{9}{10}$ of 80

f) $\frac{3}{25}$ of 250

g) 10% of 190 g g

6) Calculate the following percentage of a quantity

[1]

5% of 170

Solutions for the assessment YR5 NC33 - Fractions, decimals and percentages

1) $\frac{1}{2}$, 0.5, 50%
 $\frac{1}{4}$, 0.25, 25
 $\frac{1}{10}$, 0.1, 10%

2) $\frac{1}{4}$, 0.25, 25%
 $\frac{3}{10}$, 0.3, 30%
 $\frac{3}{5}$, 0.6, 60%
 $\frac{4}{25}$, 0.16, 16%

3) 70 %

4) 40 %

5) a) 1

b) 9

c) 12

d) 32

e) 72

f) 30

g) 19 g

6) 8.5