

Percentages - mixed

Name:	Class:	Date:
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Mark	/ 12	%
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1) Convert to a percentage [2]

a) $\frac{1}{5}$ %

b) 0.44 %

2) Convert to a fraction, reduced to lowest terms [1]

80 %

3) Convert to a decimal [1]

62 %

4) Order this list from smallest to largest

$\frac{3}{4}$ 0.3 1 15%

smallest

largest

[1]

5) Complete the table

[1]

Fraction	Decimal	Percentage
	0.25	
		70%
$\frac{1}{5}$		
	0.21	
		87.5%
$\frac{9}{20}$		

6) Calculate the following percentage of a quantity

[2]

a) 25% of 120

b) 39% of 80

7) Change into a percentage

[2]

a) 6 out of 60 %

b) 140 out of 540 %

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

%

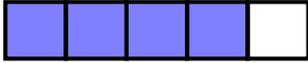
[1]



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

 %

[1]



Solutions for the assessment Percentages - mixed

1) a) 20%

b) 44%

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

3) 0.62

4) 15%, 0.3, $\frac{3}{4}$, 1

5) $\frac{1}{4}$, 0.25, 25 %

$\frac{7}{10}$, 0.7, 70 %

$\frac{1}{5}$, 0.2, 20 %

$\frac{21}{100}$, 0.21, 21 %

$\frac{7}{8}$, 0.875, 87.5 %

$\frac{9}{20}$, 0.45, 45 %

6) a) 30

b) 31.2

7) a) 10%

b) 25.93%

8) 70 %

9) 80 %