

Topic Test 1 Mark Scheme

Basic percentages - Higher

Q	Answer	Mark	Comments
1	$\frac{11}{25}$	B1	
2	$\frac{5}{8}$ 66% 0.7 three-quarters	B2	B1 any values expressed in another form, eg 0.7 as 70% or $\frac{7}{10}$ etc
3	$18 \div 40 (\times 100)$ or $41 \div 90 (\times 100)$ or 45 or 45.555...	M1	
	45% and 45.55% and 41 out of 90 identified as greater value	A1	
4	100%	B1	
5	20	B1	
6	I ate 120% of the cake	B1	
7	$40 - 25$ or $75 + 40 - 100$	M1	
	15	A1	
8(a)	Both the same	B1	
8(b)	1.1(0) or 0.95 seen	M1	
	$1.1 \times 0.95 = 0.95 \times 1.1$	A1	oe

Q	Answer	Mark	Comments
9	$64 \times 1.5 (= 96)$	M1	
	$\sqrt{\text{their } 96} (= 9.79..)$	M1dep	
	$\frac{\sqrt{\text{their } 96}}{8}$	M1dep	
	[22, 22,5]	A1	
10	$a = 0.3b$ or $b = 0.9c$	M1	
	0.3×0.9	M1	
	27	A1	