

## Functional Skills Maths Onscreen Mini Test | Level 2 Original Value After Percentage Change | Mark Scheme

Q1

Question	Process	Mark	Mark Grid	Evidence
	Begins process to find % increase	1 or	A	e.g. $34986 - 29400 (= 5586)$ <b>OR</b> $34986 \div 29400 (= 1.19)$
	Full process to find % increase	2 or	AB	e.g. $(34986 - 29400) \div 29400 \times 100 (= 19)$ <b>OR</b> $(1.19 - 1) \times 100 (= 19)$ <b>or</b>
	Accurate figure	3	ABC	19
Total marks for question		3		

Q2

Question	Process	Mark	Mark Grid	Evidence
	Begins process to find percentage increase	1 or	A	e.g. $748 - 550 (=198)$
	Full process to find percentage increase	2 or	AB	e.g. $(748 - 550) \div 550 \times 100 (=36)$
	Accurate figure	3	ABC	36
Total marks for question		3		

Q3

Question	Process	Mark	Mark Grid	Evidence
	Begins to work with reverse percentage	1 or	A	e.g. $(100 - 7) \div 100 (=0.93)$ <b>or</b> $(1 - \frac{7}{100}) \times \text{original number of tickets} = 105276$
	Complete process to find original price	2 or	AB	e.g. $105276 \div '0.93' (=113200)$
	Accurate figure	3	ABC	113200

Q4

Question	Process	Mark	Mark Ref	Evidence
	Process to find original price	1 or	<b>A</b>	e.g. $(1599.99 \div 120) \times 100$ (=1333.325)
	Calculates difference to find VAT	2 or	<b>AB</b>	e.g. $1599.99 - '1333.325'$ (=266.665)
	Accurate figure	3	<b>ABC</b>	£266.66(5) <b>OR</b> £266.67
<b>Total marks for question</b>		<b>3</b>		

Q5

Question	Process	Mark	Mark Ref	Evidence
	Uses consistent units	1	<b>A</b>	250mm <b>or</b> 150mm <b>or</b> 18.5cm <b>or</b> 11.1cm May be seen in subsequent workings
	Process to find percentage change	1 or	<b>B</b>	$(25 - 18.5) \div 25$ (=0.26) <b>or</b> $(15 - 11.1) \div 15$ (=0.26) <b>AND</b> '0.26' x 100 (=26)
	Accurate figure	2	<b>BC</b>	26(%)
<b>Total marks for question</b>		<b>3</b>		

Q6

Question	Process	Mark	Mark Ref	Evidence
	Begins process to find percentage change	1 or	<b>A</b>	$42 - 27$ (=15) <b>and</b> '15' $\div 42$ (=0.357...)
	Full process to find percentage change	2 or	<b>AB</b>	'0.357...' x 100 (=35.7...)
	Accurately rounded figure	3	<b>ABC</b>	36(%)