

# Topic Test 1 Mark Scheme

## Basic number - Foundation

Q	Answer	Mark	Comments
1	$-7$ , $(-3 + 6)$ or $3$ , $(16 \div 4)$ or $4$ , $5$ , $(2 \times 3)$ or $6$	B1	
2(a)	130	B1	
2(b)	0	B1	
2(c)	123	B1	
3	192	B1	
4	$7 \times 24 = 168$ or $8 \times 24 = 192$	M1	
	8		
5	$-2$ , $-1$ , $0$ , $1$ , $2$ , $3$	B2	B1 for $-2$ , $-1$ , $0$ , $1$ , $2$ , $3$ , $4$ B1 for any 5 of $-2$ , $-1$ , $0$ , $1$ , $2$ , $3$ and no others, eg $-2$ , $-1$ , $1$ , $2$ , $3$
6	$-4$	B1	
7(a)	$20 \times 300$	M1	
	60 000	A1	
7(b)	Over as both estimates larger than actual number	B1	
8(a)	17	B1	
8(b)	31	B1	

<b>Q</b>	<b>Answer</b>	<b>Mark</b>	<b>Comments</b>
<b>9(a)</b>	(+) 5	B1	
<b>9(b)</b>	(+) 30	B1	
<b>9(c)</b>	-4	B1	
<b>10(a)</b>	$20 \times 30 + 2 \times 9$	B1	
<b>10(b)</b>	462	B1	