Topic Test 1 Mark Scheme
Basic algebra - Foundation

Q	Answer	Mark	Comments
1	8	B1	
2	$100 - (4 + 3)^2$	B1	
3	$3 + 6^2 - 10 = 29$ $20 - (2 + 3)^2 = -5$ $15 - 54 \div 3^3 = 13$	B2	B1 for 2 correct
	Correct order $20 - (2 + 3)^2 = -5$ $15 - 54 \div 3^3 = 13$ $3 + 6^2 - 10 = 29$	B1ft	ft their answers
4(a)	$6a$	B1	
4(b)	$7bc$	B1	
4(c)	$12d^3$	B1	
4(d)	$\dfrac{5m^2}{8n}$	B1	
4(e)	$\dfrac{10n^2}{7m}$	B2	B1 for $20n^2$ or $14m$
5	$x + 20$	B1	
6	$87b$	B1	

Q	Answer	Mark	Comments
7	$2 \times 8 \times a \times a \times b$ and $32 \times a \times a \times a \div (2 \times a) \times b$	B2	B1 for 1 correct

Q	Answer	Mark	Comments
8	Joshua = $A - 2$ Kiah = $2A - 4$	B1	oe
	$A + A - 2 + 2A - 4$	M1	ft their answers
	$4A - 6$	A1	

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