

# Topic Test 2 Mark Scheme

## Basic algebra - Foundation

Q	Answer	Mark	Comments
1	22	B1	
2	$(9 + 5) \div 2 \times 3 = 21$	B1	
3	$15f^3g^2$	B2	B1 for any two correct terms
4	Sunhil = $m - 80$ Akshay = $2m - 160$	B1	
	$m + m - 80 + 2m - 160$	M1	ft their answers
	$4m - 240$	A1	
5	$10a - 35$	B2	B1 for one term correct
6(a)	$2(3h + 6) = 6h + 12$	M1	
	$5(4h + 2) = 20h + 12$	M1	
	$26h + 24$	A1	
6(b)	$6(3j - 2) = 18j - 12$	M1	
	$-4(2j + 4) = -8j - 16$	M1	
	$10j - 28$	A1	
7	$4(2x - 3)$ or $6(x + 2)$	M1	M1 for oe
	$4(2x - 3) + 3(x + 2) + 3(x + 2)$	M1	oe
	$8x - 12 + 3x + 6 + 3x + 6$	M1	
	$14x$	A1	