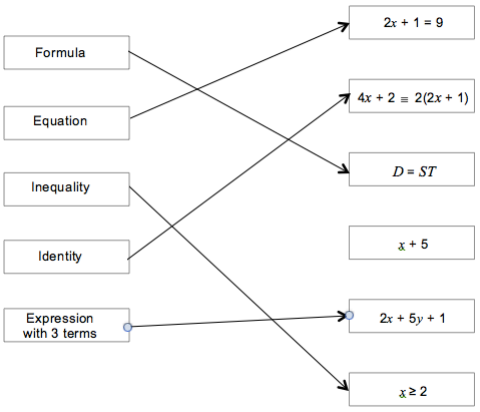
Topic Test 1 Mark Scheme

Algebra recap and extension - Foundation

Q	Answer	Mark	Comments
1		B3	B2 for 3 correct B1 for 2 correct
2	$20x + 15y$	B1	oe
3	$4n - 2$	B2	B1 for $4n$ ($\pm a$)
4(a)	$2(2x - 3)$	B1	
4(b)	$(x - 3)(x - 4)$	B2	B1 for $(x \pm a)(x \pm b)$ where $ab = 12$
5	$8t + w$	B2	B1 for each term
6	$6x - 2 - x - 2$	M1	Allow one error
	$6x - 2 - x - 2$	A1	Fully correct
	$y = 60$	A1ft	ft their 4-terms expression
7	$3x = 2 - 14$	M1	
	-4	A1	

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Q	Answer	Mark	Comments
8	$2x + 8$	B1	
	$5x$ – their $2x$ = their 8 – 1	M1	
	$\frac{7}{3}$	A1ft	ft their $2x + 8$
9	[0.2, 0.4]	B1	oe