EXAM PAPERS PRACTICE

Helping you Achieve Highest Grades in GCSE

GCSE AQA Maths (8300) Foundation Tier

Mark Scheme

Fully inlined with first assessment 2026 and suitable for students sitting exams 2026+

Topic - Algebra

Basic algebra - Foundation

Marks: 33

Total Marks: / 33

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Topic Test 5 Mark Scheme

Basic algebra - Foundation

Q	Answer	Mark	Comments
1	35	B1	
2	6 + 3 × 2	B1	
3	12*a*2*b*3	B2	B1 for one error
4	(Electricity =) *G* + 10	B1	
	(Water=) (*G*+10)	B1ft	ft their electricity
	12(*G*+*G*+10+*G*+5)	M1	oe ft their answers
	30*G* +180	A1	
5	21a2 – 63a	B2	B1 for either 21a2 or –63a
6(a)	14*x* + 21 + 24*x* + 36	M2	M1 for either 14*x* + 21 or 24*x* + 36
	38*x* + 57	A1	FT their answers if M1 awarded
6(b)	$32y - 24 - 15y - 3$	M2	M1 for either 32*y* - 24 or – 15*y* - 3
	17*y* -27	A1	Ft their answers if M1 awarded
7	2×4(*f*+3)or2×5(*f*–2)	M1	oe
	2×4(*f*+3)and2×5(*f*–2)	M1	oe
	2×4(*f*+3)+2×5(*f*–2) or8*f*+24+10*f*-20	M2	
	18*f* + 4 or 2(9*f* + 2)	A1	

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Q	Answer	Mark	Comments
8(a)	9(3*n* - 4)	B1	
8(b)	12*n*(3*n*2 - 5)	B2	B1 for correct partial factorisation
8(c)	10*n*2*m*2(3 – 5*n*)	B2	B1 for correct partial factorisation
9(a)	Equation	B1	
9(b)	Identity	B1	
9(c)	Formula	B1	
10	–8, –7, –6, –4, –3, –2	B2	B1 for 5 correct and 0 incorrect or for 6 correct and 1 incorrect
11	$w = 300 + 15h$	B1	
12	Beefburger = $H + 20$ and Ice cream = $2H + 40$	B1	oe
	$H+H+20+2H+40=4H$ +60	M1	oe
	$280(4H + 60) = 72800$	A1	oe

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