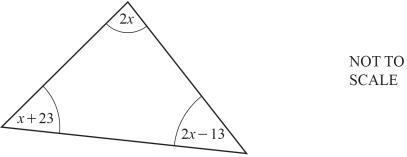
1	j = 4k + 7m
	Find the value of j when $k = -5$ and $m = 6$.
	$j = \dots $ [2]
	[Total: 2]
2	White paper costs w cents per sheet and pink paper costs p cents per sheet. Miguel uses 56 sheets of white paper and 21 sheets of pink paper.
	Write down an expression, in terms of w and p , for the total cost, in cents, of the paper he uses.
	cents [2]
	[Total: 2]
3	v = 3 - 5t
	Work out the value of v when $t = 4$.
	$v = \dots $ [1]
	[Total: 1]
4	A bag of rice costs $\$r$ and a bag of almonds costs $\$a$. Pedro buys x bags of rice and y bags of almonds.
	Write down an expression for the change that Pedro receives from a \$20 note.
	\$[2]
	[Total: 2]

5	Work out the value of $\frac{mk^3}{\sqrt{3}}$ when $m = 4$ and $k = 7$.	
		[2]
		[Total: 2]
6	Simplify.	[Total: 2]
v	4a - 3b + 5a + 6b	
		[2]
		[Total: 2]
7	In this question, all angles are in degrees.	



(a) Use the information in the triangle to write down an equation in terms of x.

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(b) Solve this equation to find the value of x.

	(c) Work out the size of the smallest angle in the triangle.	$x = \dots $ [3]
8	Simplify $5c - d - 3d - 2c$.	[2] [Total: 6]
9	Simplify $5t + 4t - 2t$.	[2] [Total: 2]
10	Simplify. $5g - 3h - 7g + 6h$	[1] [Total: 1]
11	Simplify. $3x - 4x + 7x$	[2] [Total: 2][1]

12	Simplify.	
	3(2a-b)-b	
		[2]
		[2]
		[Total: 2]
13	Simplify.	
	6(2n+1) - 5(n-2)	
	6(2x+1) - 5(x-2)	
		[2]
		[Total: 2]
14	Simplify.	
	5f + 7g - 8f + 2g	
		[2]
		[Total: 2]
		[Iotal. 2]
15	Simplify.	
	a - 2b - 3a + 7b	
		[2]
		[2]
		[Total: 2]

16	Expand and simplify. $4(x-5) - (3-2x)$	
		[2]
		[Total: 2]
17	Expand and simplify. $(x+3)(x-5)$	
		[2]
18	Expand and simplify.	[Total: 2]
	(x+5)(x-3)	
		[2]
		[Total: 2]
19	Expand and simplify. $6(t-q) - 2(t-3q)$	
		[2]
		[Total: 2]

20	Expand and simplify.	
	5(2x-7) - 3(x-5)	
		[2]
		[2]
		[Total: 2]
21	Evnand and simplify	
21	Expand and simplify.	
	$(2x+3)(x-2)^2$	
	(2x+3)(x-2)	
		[2]
		[3]
		[Total: 3]
22	One solution of the equation $ax^2 + a = 150$ is $x = 7$.	
	(a) Find the value of a.	
	(4)	
		$a = \dots [2]$
		<i>u</i> –[2]
	(b) Find the other solution.	
		$x = \dots $ [1]
		[Total: 3]
		[

23	Expand and simplify.	
	(2x-3)(x+6)(x-4)	
		[3]
		[Total: 3]
24	Expand and simplify.	
	(x+1)(x-2)(x+3)	
		[3]
		[Total, 2]
		[Total: 3]