(e) Solve $5x - 6 < 30$.	
5x < 30+6	[2]
5x < 36	
x < 36	
5	
グイチ	

(b) Solve the inequality
$$15t < 4t + 7$$
.

15t - 4t < 7

11t < 7
 $t < \frac{3}{4}$

(b) Solve
$$6x < 2x + 24$$
.
$$6x - 2x < 24$$

$$4x < 24$$

$$x < 24$$

$$x < 24$$

$$(2)$$

$$(3)$$

(b) Solve the inequality
$$5(t-2) > 3t + 14$$
.

$$5t - 10 > 3t + 14$$

$$5t - 3t > 14 + 10$$

$$2t > 24$$

$$1 + 10$$

$$2t > 24$$

$$2 + 10$$

[3]

15.	(a)	Solve the inequality	
		$13 - 3x \geqslant 22 - 7x.$	
		-3x+7x 7 22-13	
		4x 7 9	"
			.
		779 7724 4 7724	
	(b)	Write down the smallest whole number that satisfies this inequality.	
		3	
		[1]]
11.	(a)	Solve the inequality	
		5x + 3 > 24 - 2x.	
		5x+2x 724-3	
		7x721	
		272 <u>1</u>	
		7	
		2 - 7	
		ス>3	
		[2	.]
	<i>(b)</i>	Write down the smallest whole number that satisfies this inequality.	
		/	
/1 Q A In	90)		1
10.	(a)	Rearrange the inequality $3 - 3n < 9 - 5n$ into the form $n < some number$.	
	(/	-3n+5n<9-3	
		2n < 6	
		n<6	•
		2 11<3	
	<i>(b)</i>	Given that n also satisfies the inequality $3n > -6$, write down all the integer values of n that satisfy both inequalities.	t
		3n > -6 whole now	wood
	************	N7-6	
		3	.
		n — 0 — — -	
		N7-2	
		(-1,0,1,2)	
		[2]	