19.	Give	n that y is	inversel	ly propo	ortional to	x, and that $y =$	= 4 when x =	6,	"
	(a)	find an	expressi	on for y	in terms o	of x,			
			***************************************	•••••					
	**********		***************	*************					
	(b)	complet	e the fol	lowing	table for v	alues of x and	ly.		[3
	, ,	•			5	-			
				x	$\frac{1}{2}$	6			
	35.			у		4	3		
			•••••••••••••••••••••••••••••••••••••••					•••••••••••••••••••••••••••••••••••••••	
									[2]
	19.	(b)	(b) complet	(b) complete the fol	(a) find an expression for y	(a) find an expression for y in terms of the complete the following table for y $ \begin{array}{c c} x & \frac{1}{2} \\ y & \end{array} $	(a) find an expression for y in terms of x, (b) complete the following table for values of x and x $\frac{1}{2}$ 6 y 4	(a) find an expression for y in terms of x, (b) complete the following table for values of x and y. $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	(b) complete the following table for values of x and y. $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$

	(a)	find an expre	ssion for y in term	ns of x ,				
					•••••			

	(b)	complete the	following table for	or values	of x and y	·.		
				T =	10	1	7	
			x	5	10	20	-	
			У	2		20]	

17.	Make	n the subject of	of the following f	ormula.				
			S	$\frac{4n(3+g)}{5+n}$	7			
			•	5 + n	= /			

18.	Given that y is inversely prop	portional to x , and that $y = 3$ when $x = 10$,
y	(a) find an expression for y	y in terms of x ,
y		
		[3
	(b) calculate y when $x = 1$:	5,
		[1
	(c) calculate x when $y = 0$:	
		F1
		[1

(b)	use the	expression you	found in (a) to co	mplete the follo	owing table.	
		x	-1	2		
		у		3	0.1	
Expre	ess 0·823	as a fraction.				

17.	Given that y is inversely proportional to x^2 , and that $y = 2$ when $x = 15$,	
	(a) find an expression for y in terms of x ,	
	[3	
	(b) calculate y when $x = 10$.	
		••
		••
	[1]

(a)	find an expression for y in terms of x ,	

		•••••••••••••••••••••••••••••••••••••••
		•••••••••••••••••••••••••••••••••••••••

<i>(b)</i>	calculate	
	(i) the value of y when $x = \frac{1}{2}$,	
	(") 10000	
	(ii) a value of x when $y = 10000$.	