6	A cu	arve passes through the point $\left(\frac{4}{5}, -3\right)$ and is such that $\frac{dy}{dx} = \frac{-20}{(5x-3)^2}$ .	
		· · · · · ·	4
			•••
			•••
			•••
			•••
			•••
			•••
			•••
			•••
			•••
			•••
	(b)	The curve is transformed by a stretch in the <i>x</i> -direction with scale factor $\frac{1}{2}$ followed by a translating $\frac{1}{2}$	or
		of $\binom{2}{10}$ .	
		Find the equation of the new curve.	3
		Find the equation of the new curve.	3
		Find the equation of the new curve.	
		Find the equation of the new curve.	