19	(a)		$\frac{3}{5}$	1	B1 oe eg 0.6
	(b)	$\frac{3x-2}{2(3x-2)-1}$ oe		2	M1
		Correct answer scores full marks (unless from obvious incorrect working)	$\frac{3x-2}{6x-5}$		A1 must be a simplified single fraction eg $\frac{-2+3x}{-5+6x}$
					Total 3 marks

20	$2a = 10$ oe or $a = 5$		3	M1
	$4^2 - 4 \times$ "5" $\times c = 4 \times 39$ oe or $16 - 20c = 156$ oe or $4 -$ "5" $\times c = 39$ oe			M1 for using the discriminant and removing the surd correctly
	Working required	$a = 5$ and $c = -7$		A1 dep on M1 SC B1 for $a = 2.5$ and $c = -3.5$
				Total 3 marks

20 **ALT**	$(5x+2)^2 - 39(=0)$ or $(5x+2)^2 = 39$ or $\left(x+\frac{2}{5}\right)^2 - \frac{39}{25}(=0)$ or $\left(x+\frac{2}{5}\right)^2 = \frac{39}{25}$		3	M1
	$25x^2+20x-35=0$ or $25x^2+20x=35$ or $x^2+\frac{20}{25}x-\frac{35}{25}(=0)$ oe or $x^2+\frac{20}{25}x=\frac{35}{25}$ oe			M1
	Working required	$a = 5$ and $c = -7$		A1 dep on M1 SC B1 for $a = 2.5$ and $c = -3.5$
				Total 3 marks