Question	Working	Answer	Mark	Notes
18	eg $9 \times 6 = 8 \times PD$ oe		2	M1 A correct equation involving *PD*
		6.75		A1 oe
				Total 2 marks

19	(a)	eg $\frac{2(4-3x)}{10} - \frac{5(3x-5)}{10} = -3$ oe or $2(4-3x) - 5(3x-5) = -3 \times 2 \times 5$		3	M1 Correct fractions over common denominator as an equation or Multiplying both sides by 10
		$8 - 6x - 15x + 25 = -30$ oe			M1 A correct equation with no denominators or brackets
			3		A1 dep on M1
	(b)	$(5y + 8)(y - 5)$ (≤ 0) or $(y =) \frac{--17 \pm \sqrt{(-17)^2 - 4 \times 5 \times -40}}{2 \times 5}$		3	M1 Correct method to solve 3 term quadratic – factorising or correct use of formula
		-1.6, 5 oe			A1 Correct critical values
			$-1.6 \leq y \leq 5$ oe		A1 Condone change of variable in place of *y* throughout this question.
					Total 6 marks

20	(ASF =) $\frac{13^2}{9^2}$ or $\frac{9^2}{13^2}$		4	M1 Correct SF for area. Accept 1.44^2 (= 2.07 or 2.09) or better for ASF or 0.69^2 (= 0.47 or 0.48) or better for ASF
	eg $A +$ "$(\frac{13^2}{9^2})$" $A = 1800$			M1ft Dep on previous M1
	eg "$\frac{250}{81}$" $A = 1800$			M1ft
		583.2		A1 Awrt 583
				Total 4 marks