

Q1. (2018)

26(a)	Alternative method 1 – Counting squares		
	15 or 6.6 or 2.4 (cm squares)	M1	375 or 165 or 60 (small squares)
	their 15 + their 6.6 + their 2.4 or 24 (total cm squares)	M1dep	allow one error their 375 + their 165 + their 60 or 600 (total small squares)
	$\frac{\text{their 15}}{\text{their 24}}$ or $\frac{\text{their 375}}{\text{their 600}}$ or 0.625 or $\frac{480}{\text{their 600}}$ or 0.8 (cars per small square) or $\frac{480}{\text{their 24}}$ or 20 (cars per cm square)	M1dep	oe $\frac{\text{their 600}}{480}$ or 1.25 (small squares per car) $\frac{\text{their 24}}{480}$ or 0.05 (cm square per car)
	300	A1	
	Alternative method 2 – Using f.d. scale of x per unit		
	$5x \times 15$ or $75x$ or $6.6x \times 5$ or $33x$ or $0.8x \times 15$ or $12x$ (x per cm)	M1	$25x \times 15$ or $375x$ or $33x \times 5$ or $165x$ or $4x \times 15$ or $60x$ (x per small square)
	$5x \times 15 + 6.6x \times 5 + 0.8x \times 15$ or $75x + 33x + 12x$ or $120x$ (x per cm)	M1dep	allow one error $25x \times 15 + 33x \times 5 + 4x \times 15$ or $375x + 165x + 60x$ or $600x$ (x per small square)
	their $120x = 480$ or $x = 4$	M1dep	oe $\frac{480}{\text{their 120}}$ or 4
	300	A1	