1	(a)		Explanation	C1	eg States over-estimated for both values
	(b)		182.7(0)	P1	for a process to find 10% of a value stated in the question eg $\frac{10}{100} \times 5.80$ (=0.58) **or** $\frac{10}{100} \times 35$ (=3.5) oe **or** 35×5.80 (=203), allow 30×5.80 (=174) **or** $35 \times$ [reduced price]
				P1	for a process to find 90% of a value stated in the question eg $35 - "3.5"$ (=31.5) **or** 0.9×5.80 (=5.22) oe **or** $\frac{10}{100} \times "203"$ (=20.3) **or** $\frac{10}{100} \times "174"$ (=17.4) oe
				P1	for a complete process to find actual cost of 35 eg $0.9 \times 5.80 \times 35$ oe
				A1	cao
					SC B2 156.6(0)

2		Ami	M2	for an approximate calculation eg $\frac{600}{16+5}$ **or** $\frac{600}{21}$ **or** $\frac{600}{20}$ **or** $\frac{600}{20+5}$ **or** $\frac{600}{25}$ **or** $\frac{600}{25+5}$ **or** $\frac{600}{30}$ **or** $\frac{595}{20}$
		with estimate	(M1	for using 600 **or** 5 **or** 4)
			C1	Ami's answer /27.1115 is closest with accurately calculated figure from approximation

3	(a)	Estimated value	P1	for using a rounded value in a correct process eg $3000 \div 15$ **or** 15×8 **or** 20×8		Their rounded value must be used in a calculation Rounding may appear after a correct process eg $15.12 \times 8 = 120.96 \approx 100$ followed by eg $3069.25 \div 100$
			P1	for a full process to find the number of days eg "3000" $\div$ "15" $\div$ "10" (= 20) **or** "3000" $\div$ "15" $\div$ 8 (= 25)		Accept $3069.25 \div 15.12 \div 8$ oe
			A1	for a correct answer following through their rounded values		
	(b)	Explanation	C1	eg less days required **or** it doesn't affect the answer because I would still round 16.27 down to 15 (or up to 20)		Refers to time taken

4	(a)	16 to 20	P1	for using time $= \frac{distance}{speed}$, eg $\frac{1}{200}$ or $\frac{1}{213}$ **or** for 1 hour $= 60 \times 60$ (= 3600) seconds	
			P1	complete process, eg $\frac{1}{200} \times 60 \times 60$ oe **or** $\frac{1}{213} \times 60 \times 60$	Calculation could be done in stages.
			A1	for answer in range 16 to 20	
	(b)	decision with reason	C1	(dep on correct use of time $= \frac{distance}{speed}$) for reason related to their response to part(a), eg overestimate as speed rounded down	

5		4550 to 4800	M1	for rounding at least two figures to 800, 50, 300 or 290 (which could be evidenced through partial calculation)	Any attempt to find the exact answer gets NO marks even if followed by rounding
			M1	(dep) for a correct calculation using their rounded values eg. sight of 240000 (= 800 × 300) **or** 232000 (= 800 × 290) or 229100 (= 790 × 290) **or** 16 (= 800 ÷ 50) **or** 15.8 = (790 ÷ 50) **or** 6 (= 300 ÷ 50) **or** 5.8 = (290 ÷ 50)	Various operations possible
			A1	for answer in range 4550 to 4800	

6	(a)	25	B1	for 25, accept answer in range 24 to 26	
	(b)	24	M1	for $40 \div 10 \times 6$	
			A1	cao	
	(c)	Comment	C1	(dep B1 or M1) ft for comment for their results, eg the two answers are quite close **or** answer to (b) is less than answer to (a) **or** the rule gives a smaller answer	