

Question	Answer	Mark	Mark scheme	Additional guidance
5 (a)	Estimated value	P1	for using a value rounded to 1sf in a calculation eg $500 \div 10$ <b>or</b> $500 \times 0.8$ <b>or</b> $510 \times 0.8$ <b>or</b> $513 \times 0.8$ <b>or</b> $500 \times 0.81$	<p>Their rounded value must be used in a calculation</p> <p>Rounding may occur after a correct process, eg  <math>513 \div 10 = 51.3 \approx 50</math> and <math>50 \times 0.81</math>  <math>513 \div 10 = 51.3 \approx 51</math> and <math>51 \times 0.8</math>  scores P1P1</p> <p>Accept 0.81 rounded to 0.80 for this mark  Condone 0.81 rounded to 1 for this mark</p>
		P1	for a full process to find the total amount eg $500 \div 10 \times 0.8$ oe (= 40) <b>or</b> $510 \div 10 \times 0.8$ oe (= 40.8) <b>or</b> $500 \div 10 \times 0.81$ (= 40.5) <b>or</b> [distance] $\div 10 \times$ [amount] oe	<p>Where [distance] is their rounded 513 or 513 and [amount] is their rounded 0.81 or 0.81</p> <p>Accept <math>513 \div 10 \times 0.81</math> for this mark</p>
		A1	for a correct answer following through their correct rounded value(s)	Do not award this mark if 0.81 is rounded to 1
(b)	underestimate with reason	C1	ft from (a) eg underestimate as numbers rounded down	Must relate to estimation and not rounding of their final answer and they must have a final answer to part (a)