

Question	Answer	Mark	Mark scheme	Additional guidance
18	Shown	<p>M1</p> <p>M1</p> <p>C1</p>	<p>for beginning to find K eg $2400 = K \times 2000$ or $K = 1.2$ oe</p> <p>For a correct method to find the value for 2021 or 2022, eg $2400 \times "1.2"$ (= 2880) or $2400 \times ("1.2")^2$ (= 3456) or $2000 \times ("1.2")^2$ (= 2880) or $2000 \times ("1.2")^3$ (= 3456) OR method to find rate leading to 3000 in 2022, eg $\sqrt[3]{\frac{3000}{2000}}$ (= 1.144...)</p> <p>for comparative figures eg 3456 (and 3000) OR $3000 \div 2880 = 1.041\dots$ and 1.2 OR 1.144... and 1.2</p>	<p>M marks can be awarded in either order $1.2^2 = 1.44$</p> <p>3000 need not be restated to award this mark If comparison made with 2023 or beyond do not award C1</p>