Using a Calculator

(a)	(b)	(c)	(d)
Calculate $\frac{\sqrt{2.6244}}{5}$ 0.324	Calculate $6.3^2 - 0.2^3$ 39.682	Calculate $\frac{7}{12} + \frac{2}{15}$ $\frac{43}{60}$	Calculate $2 \times \pi^4$, giving your answer to 3 significant figures. 195
(e)	**(f)**	**(g)**	**(h)**
Calculate $\frac{\sqrt{6}}{2.8^3}$, giving your answer to 3 decimal places. 0.112	Calculate $4\frac{2}{7} \times 1.82$ 7.8	Write 7600 as a product of its prime factors. $2^4 \times 5^2 \times 19$	Convert $0.\dot{5}\dot{7}$ to a fraction. $\frac{19}{33}$
(i)	**(j)**	**(k)**	**(l)**
Convert 5.35 *hours* into hours and minutes. 5 *hours* 21 *minutes*	Calculate $2\frac{3}{8} \times 3\frac{1}{4} \times 4.2$, giving your answer as a decimal. 32.41875	Calculate $\sqrt{3.5^2 - 2.2^2}$, giving your answer to 2 decimal places. 2.72	Convert 7 *hours* 51 *minutes* into decimal time. 7.85 *hours*

(m)	(n)
(i) Work out the value of $\frac{3\sqrt{2} \times 4.7^2}{4.52} + \frac{\sqrt[3]{7.2}}{0.6^3}$. Write down all the figures on your calculator display. 29.67421493 (ii) Round your answer to 3 significant figures. 29.7	(i) Work out the value of $\pi - \frac{6.1 \times (-2.1)^5}{\sqrt[4]{135}}$. Write down all the figures on your calculator display. 76.22905222 (ii) Round your answer to 3 significant figures. 76.2