Using a Calculator

(a)

Calculate $\frac{\sqrt{2.6244}}{5}$

0.324

(b)

Calculate $6.3^2 - 0.2^3$

39.682

(c)

Calculate $\frac{7}{12} + \frac{2}{15}$

$\frac{43}{60}$

(d)

Calculate $2 \times \pi^4$, giving your answer to 3 significant figures.

195

(e)

Calculate $\frac{\sqrt{6}}{2.8^3}$, giving your answer to 3 decimal places.

0.112

(f)

Calculate $4\frac{2}{7} \times 1.82$

7.8

(g)

Write 7600 as a product of its prime factors.

$2^4 \times 5^2 \times 19$

(h)

Convert $0.\dot{5}\dot{7}$ to a fraction.

$\frac{19}{33}$

(i)

Convert 5.35 *hours* into hours and minutes.

5 *hours* 21 *minutes*

(j)

Calculate $2\frac{3}{8} \times 3\frac{1}{4} \times 4.2$, giving your answer as a decimal.

32.41875

(k)

Calculate $\sqrt{3.5^2 - 2.2^2}$, giving your answer to 2 decimal places.

2.72

(l)

Convert 7 *hours* 51 *minutes* into decimal time.

7.85 *hours*

(m)

(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

(n)

(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