

## GCSE QUESTIONS

**Q1. CALCULATOR ALLOWED**

$$\frac{30 + 12}{5 + 3}$$

Work out

.....  
(Total for question is 1 mark)

**Q2. CALCULATOR ALLOWED**

$$\frac{5.27 + 3.5}{7.9 - 4.36}$$

Find the value of

Give your answer as a decimal. Write down all the figures on your calculator display.

.....  
(Total for question = 2 marks)

**Q3. CALCULATOR ALLOWED**

$$\frac{\sqrt{2.7} + 6.5}{4.8 - 1.06}$$

Work out the value of

Give your answer correct to 2 decimal places.

.....  
(Total for question = 3 marks)

**Q4. CALCULATOR ALLOWED**

Find the value of  $(2.8 - 0.45)^2 + \sqrt[3]{5.832}$

.....  
(Total for question = 2 marks)

**Q5. CALCULATOR ALLOWED**

$$\frac{29^3 - 4.6}{\sqrt{35 - 1.9^3}}$$

(a) Use your calculator to work out

Write down all the figures on your calculator display.

.....  
(2)

(b) Write your answer to part (a) correct to 4 significant figures.

.....  
(1)  
(Total for question = 3 marks)

**Q6. CALCULATOR ALLOWED**

$$\frac{4.36 + 2.8^3}{6.8 - 5.42}$$

(a) Work out

Give your answer as a decimal. Write down all the digits on your calculator display.

.....  
(2)

(b) Give your answer to part (a) correct to 1 decimal place.

.....  
(1)

**(Total for question = 3 marks)**

**Q7. CALCULATOR ALLOWED**

$$\frac{29^3 - 4.6}{\sqrt{35 - 1.9^3}}$$

(a) Use your calculator to work out

Write down all the figures on your calculator display.

.....  
(2)

(b) Write your answer to part (a) correct to 4 significant figures.

.....  
(1)

**(Total for question = 3 marks)**

**Q8. CALCULATOR ALLOWED**

$$\frac{\sqrt{13.4 - 1.5}}{(6.8 + 0.06)^2}$$

Find the value of

Write down all the figures on your calculator display.

.....  
(Total for question = 2 marks)