



# EXAM PAPERS PRACTICE

GCSE OCR Math J560

Using calculator

Answers

*"We will help you to  
achieve A Star "*



**Answer 1**

Use a calculator to work out

$$\frac{\sqrt{20.4}}{6.2 \times 0.48}$$

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

$$\frac{\sqrt{20.4}}{6.2 \times 0.48} = 1.5176868 \dots$$

**Answer 2**

- (a) Use your calculator to work out  $\frac{38.5 \times 14.2}{18.4 - 5.9}$

Write down all the figures on your calculator display.  
You must give your answer as a decimal.

$$\underline{\underline{43.736}}$$



**Answer 3**

- (b) Work out the value of  $350^3$   
Give your answer in standard form.

$$\begin{aligned} & 4\,287\,5000 \\ & \underline{\hspace{1.5cm}} \\ & = \underline{\underline{4.2875 \times 10^7}} \end{aligned}$$

**Answer 4**

- (a) Work out the value of  $25^{-3}$

$$\begin{aligned} & \frac{1}{15625} \\ & \underline{\hspace{1.5cm}} \\ & = \underline{\underline{6.4 \times 10^{-5}}} \end{aligned}$$



**Answer 5**

(a) Use your calculator to work out  $\frac{\sqrt{7056}}{0.35 \times 12.8}$

Write down all the figures on your calculator display.  
You must give your answer as a decimal.

$$\frac{75}{4} = \underline{\underline{18.75}}$$

**Answer 6**

Calculate the value of  $\sqrt{\frac{\tan 60^\circ + 1}{\tan 60^\circ - 1}}$

Write down all the figures on your calculator display.  
You must give your answer as a decimal.

CHECK YOUR CALCULATOR!

DOES IT HAVE "D" OR "DEG" IN  
LITTLE LETTERS AT THE TOP?

IF NOT - CHANGE IT USING THE  
MODE BUTTON!

THIS IS CRUCIAL WHEN  
WORKING WITH SIN,  
COS OR TAN

1.931851653



**Answer 7**

Use your calculator to work out  $\frac{1.45^2}{3.89 - \sqrt{5.75}}$

Write down all the figures on your calculator display.  
You must give your answer as a decimal.

1.409102748

**Answer 8**

Use your calculator to work out  $\frac{\sqrt{70.25}}{4.2 - 2.37}$

- (a) Write down all the figures on your calculator display.  
You must give your answer as a decimal.

4.580069567



**Answer 9**

Use your calculator to work out  $\sqrt{\frac{\sin 25^\circ + \sin 40^\circ}{\cos 25^\circ - \cos 40^\circ}}$

(a) Write down all the figures on your calculator display.

2.75603957



EXAM PAPERS PRACTICE

**Answer 6**



EXAM PAPERS PRACTICE

**Answer 7**





EXAM PAPERS PRACTICE

**Answer 8**



EXAM PAPERS PRACTICE

**Answer 9**



**EXAM PAPERS PRACTICE**

**Answer 10**



EXAM PAPERS PRACTICE

**Answer 11**



EXAM PAPERS PRACTICE

**Answer 12**



EXAM PAPERS PRACTICE

**Answer 13**



EXAM PAPERS PRACTICE

**Answer 14**