

# GCSE Maths worksheet 3

Name \_\_\_\_\_

Group \_\_\_\_\_

Don't use a calculator. Do all your working on this sheet. Answer all the questions.

1	The temperature at Midnight is $-8^{\circ}\text{C}$ . The temperature at Noon the next day is 5 degrees warmer. What is the temperature at Noon the next day?	
2	Work out the value of $\frac{4^2}{17-15}$	
3	Write down the value of $\sqrt[3]{125}$	
4	The population of Greece was 10 816 286 in 2011. Round this to the nearest hundred thousand.	
5	Work out $12 - 4 \times 2$	
6	Add one pair of brackets to the <u>expression</u> below to make the <u>equality</u> true.  $17 - 2 \div 5 = 3$	
7	The population of Scotland was 5 295 000 in 2011. Round this figure to nearest million.	

8

The table below shows the lowest temperature in four cities one winter night...

City	Temperature
Athens	10°C
Sofia	-3°C
Berlin	-8°C
Inverness	-12°C

- How much warmer is Sofia than Berlin?
- What is the difference in temperature between the warmest and coldest city?
- Which cities have a temperature difference of 9°C?

9

Add brackets to the expression below so that it is true.

$$2 + 4 \times 6 = 36$$

10

Work out the value of  $2^2 + 5^2$

11

Write down both values of  $\sqrt{64}$

12

A small business has assets worth £7861.40.  
Round this number to the nearest hundred pounds.

13

Work out  $10 - 7 + 9 - 20 + 15$