

1 The table shows the depth of six ocean trenches.

Trench	Depth (metres)
Diamantina	8047
Eurasian Basin	4437
Philippine	10 540
Puerto Rico	8594
South Sandwich	8458
Tonga	10 882

(a) Which of these trenches has the greatest depth?

Tonga (1)

(b) Write down the value of the 5 in the number 8594

hundredth

500 (1)

(c) Write the number 4437 in words.

Four thousand, four hundred and thirty seven (1)

When written correct to the nearest hundred, one of the numbers in the table is 8500

(d) What is this number?

8458  $5 \geq 5$ , so we round up

8458 (1)

The Mariana Trench is 2864 metres deeper than the Diamantina Trench.

(e) Work out the depth of the Mariana Trench.

$8047 + 2864 = 10911$  (1)

10911 metres (2)

(Total for Question 1 is 6 marks)

- 2 The table gives information about the amount of crude oil, in barrels, produced per day by each of six countries in 2015

Country	Crude oil produced per day (number of barrels)
Australia	322 300
Congo	269 000
Gabon	213 300
South Sudan	220 000
Thailand	248 200
Vietnam	333 400

- (a) Write down the name of the country that produced the **least** number of barrels of crude oil.

Gabon

①

(1)

- (b) Work out the difference between the number of barrels of crude oil produced by Vietnam and the number of barrels of crude oil produced by Australia.

$$333\,400 - 322\,300 = 11\,100$$

11 100

①

barrels

(1)

Thailand produced 248 200 barrels of crude oil.

- (c) Write 248 200 correct to the nearest thousand.

↖ 2 < 5, so we round down to 0.

248 000

①

(1)

(Total for Question 2 is 3 marks)



- 3 (b) Give your answer to part (a) correct to 2 significant figures.

11.88778004

— ↑ since 8 > 5, round up 1 to 2.

12 ①

(1)

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(Total for Question 3 is 1 marks)

- 4 (a) Write 24.8635 correct to 3 significant figures.

24.9

24.9 (1)  
.....  
(1)

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(Total for Question 4 is 1 marks)

- 5 (a) Write in figures the number **seventy thousand, two hundred and sixteen**.

70216 ①  
.....  
(1)

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(Total for Question 5 is 1 marks)

- 6 The table shows the land area, in  $\text{km}^2$ , of each of six African countries.

Country	Land area ( $\text{km}^2$ )
Botswana	566 730
Kenya	569 140
Namibia	823 290
Somalia	627 340
Tanzania	885 800
Zambia	743 390

- (a) Write down the name of the country with the greatest land area.

Tanzania (1)

- (b) Write 823 290 correct to the nearest thousand.

less than 5. We round down to 0

823 000 (1)

- (c) Work out the difference between the land area of Botswana and the land area of Kenya.

$$569\,140 - 566\,730 = 2410 \quad (1)$$

2410  $\text{km}^2$  (1)

The land area of the Gambia is  $10\,120\text{km}^2$

- (d) Write the number 10 120 in words.

Ten thousand one hundred and twenty. (1)

(1)

(Total for Question 6 is 4 marks)

7 (c) Write 0.46832 correct to 2 decimal places.

↘ more than 5. we round up 6 to 7.

0.47 ①

(1)

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(Total for Question 7 is 1 marks)

8 (b) Write 5.8394 correct to 2 decimal places.

—  $\rightarrow$  more than 5. round up 3 to 4.

5.84 ①

(1)

(d) Write down the value of the 6 in the number 0.067

hundredths ①

(1)

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(Total for Question 8 is 2 marks)



9 (b) Write down the value of the 8 in the number 4585

tens

80 ①

(1)

(c) Write the number 6046 in words.

① six thousand and forty six

(1)

(d) Write the number 5137 correct to the nearest hundred.

3 < 5, so we round down

① 5100

(1)

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(Total for Question 9 is 3 marks)

10 (c) Write in figures the number five thousand two hundred and three.

5203 ①

(1)

(d) Write down the value of the 6 in the number 2468

tens ①

(1)

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(Total for Question 10 is 2 marks)

11 (b) Write down the value of the 4 in 92410

400 ①

(1)

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(Total for Question 11 is 1 marks)

12 (b) Write down the value of the 2 in the number 3.289

two tenths ①  
.....  
(1)

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(Total for Question 12 is 1 marks)

13 (b) Write your answer to part (a) correct to 3 significant figures.

0.936 (1)

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(Total for Question 13 is 1 marks)

14 (b) Write in figures the number five thousand, one hundred and two.

5102    ①  
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(1)

(c) Write down the value of the 3 in the number 7439

3 tens    ①  
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(1)

(d) Write the number 651 correct to the nearest hundred.

700    ①  
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(1)

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(Total for Question 14 is 3 marks)

15 (b) Write down the value of the 3 in the number 4.7634

thousandth (1)

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(Total for Question 15 is 1 marks)