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| **Foundation Unit 1a–b topic test** |
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| **Date:** |
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| **Time:** 35 minutes  |
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| **Total marks available:** 32  |
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**Questions**

**Q1.**

(a)   Write these numbers in order of size.

Start with the smallest number.

52     102     25     120     55

...........................................................

**(1)**

(b)   Write these numbers in order of size.

Start with the smallest number.

6     −2     0     −5     3

...........................................................

**(1)**

(c)   Write these numbers in order of size.

Start with the smallest number.

0.63     0.633     0.603     0.6     0.06

...........................................................

**(1)**

**(Total for Question is 3 marks)**

**Q2.**

Write 2148 correct to the nearest 100

...........................................................

**(Total for question = 1 mark)**

**Q3.**

(a) Write the number **seven thousand and twenty five** in figures.

      ..............................................................................................................................................

**(1)**

(b) Write the number 9450 in words.

      ..............................................................................................................................................

**(1)**

(c) Write the number 28.75 to the nearest whole number.

      ..............................................................................................................................................

**(1)**

(d) Write the number 7380 to the nearest thousand.

      ..............................................................................................................................................

**(1)**

**(Total for Question is 4 marks)**

**Q4.**

The table shows the heights of six mountains.


(a)   Write down the name of the highest of these mountains.

...........................................................

**(1)**

(b)   Write the number **8188** to the nearest hundred.

...........................................................

**(1)**

(c)   Write the number **7428** in words.

 .............................................................................................................................................

**(1)**

The mountain K3 is eight thousand and fifty one metres high.

(d)   Write the number **eight thousand and fifty one** in figures.

...........................................................

**(1)**

**(Total for Question is 4 marks)**

**Q5.**

The table shows the temperature every four hours one day in December.

(a) Write down the time with the lowest temperature.

      ..............................................................................................................................................

**(1)**

(b) Work out the difference between the temperature at 2 pm and the temperature at 6 pm.

      ..............................................................................................................................................

**(1)**

Between 10 pm and midnight the temperature goes down 5°C.

(c) Work out the temperature at midnight.

      ..............................................................................................................................................

**(2)**

**(Total for Question is 4 marks)**

**Q6.**

Write 4.4354 correct to 2 decimal places.

...........................................................

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

**Q7.**

(a) Write 5643 to the nearest hundred.

      ..............................................................................................................................................

**(1)**

(b) Write 197 768 to the nearest thousand.

      ..............................................................................................................................................

**(1)**

**(Total for Question is 2 marks)**

**Q8.**

28569 people watch a football match.

(a) Write 28569 to the nearest hundred.

...........................................................

**(1)**

(b) Write down the value of the **2** in the number 28569

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**(1)**

5619 of the 28569 people are female.

(c) Work out the number of males.

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**(1)**

**(Total for Question is 3 marks)**

**Q9.**

Work out the number that is halfway between 2.9 and 3.6

...........................................................

**(Total for Question is 1 mark)**

**Q10.**

Sally uses her van to deliver boxes to shops.
She can put a maximum weight of 450 kg in the van.

Sally has to deliver 50 boxes to a shop.
Each box has a weight of 30 kg.

Work out the least number of times Sally has to drive to the shop to deliver all 50 boxes.
You must show all your working.

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**(Total for Question is 3 marks)**

**Q11.**


Alex has 5 lessons with Stan's Driving School.

(a)   Work out the total cost.

£ ...........................................................

**(2)**

Leah has some lessons with Stan's Driving School.
The total cost of the lessons is £305.50

(b)   Work out how many lessons Leah has.

...........................................................

**(3)**

**(Total for Question is 5 marks)**

**Q12.**

Jayne writes down the following

3.4 × 5.3 = 180.2

Without doing the exact calculation, explain why Jayne's answer cannot be correct.

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