

**End of Unit Test**      Name: Answers  
**Calculations and Accuracy - FOUNDATION**



Q1. Here is a list of numbers.

-9      -5      -3      -1      0      3      4      6

(a) Write down **two** numbers from the list that add up to 5

..... -1 ..... and ..... 6 .....  
(1)

(b) Write down **two** numbers from the list that have a difference of 13

..... -9 ..... and ..... 4 .....  
(1)

(c) Write down **two** numbers from the list that multiply to give -15

..... -5 ..... and ..... 3 .....  
(1)

(d) Use **three** different numbers from the list to make the following calculation correct.

$20 \div \dots \dots \dots \underline{4} \dots \dots \dots = \dots \dots \dots \underline{-5} \div \dots \dots \dots \underline{-1} \dots \dots \dots$   
(1)

**(Total 4 marks)**

Q2. (a) Write in figures the number: thirty thousand and sixteen

..... 30 016 .....  
(1)

(b) Write in words the number      0.43

..... Zero point four three .....  
(1)

(c) Write down the **value** of the digit 9 in the number      41 982

..... Nine hundreds .....  
(1)

**(Total 3 marks)**

**Q3.** This is a bill for coffee and buns. The bill has coffee spilt on it.

Coffee	2 × £1.30	£2.60
Buns	× 80p	
	Total	£5.00

How many buns were bought? You **must** show your working.

$$\begin{array}{r}
 \cancel{£8.100} \quad \quad \quad £2.40 \div £0.80 = 3 \\
 \hline
 - \quad £2.60 \\
 \hline
 \quad \quad \quad £2.40 \\
 \hline
 \end{array}$$

..... 3 buns .....  
**(Total 3 marks)**

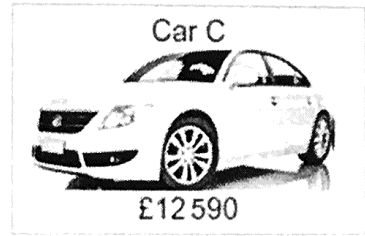
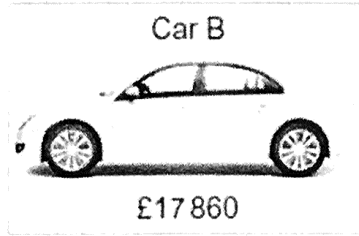
**Q4.** Put signs in the boxes to make these calculations correct.  
 You may use the signs +, -, × and ÷

(a) 1 + 2 - 3 = 0 (1)

(b) 1 × 2 + 3 = 5 (1)

(c) 1 - 2 - 3 = -4 (1)  
**(Total 3 marks)**

Q5. These cars are for sale.



(a) Which car is the cheapest?

Answer ..... Car C ..... (1)

(b) The price of each car is rounded to the nearest £100. Which price changes by the **greatest** amount? You **must** show your working.

..... £13 420 → £13 400 → £20 change .....

..... £17 860 → £17 900 → £40 change .....

..... £12 590 → £12 600 → £10 change .....

..... Answer ..... Car B ..... (3)  
 (Total 4 marks)

Q6. Use approximations to estimate the value of

$$\frac{3.92^2}{0.48}$$

..... 3.92 ≈ 4, 0.48 ≈ 0.5 .....

.....  $\frac{4^2}{0.5} = \frac{16}{0.5} = 32$  .....

..... Answer ..... 32 ..... (Total 2 marks)

Q7.  $x = 2500$  to the nearest 100. Circle the smallest possible value of  $x$ .

2449

2450

2495

2499

(Total 1 mark)  
 (Total for test = 20 marks)