Q1. (a) Write 3.9 to the nearest whole number.

.....

(1)

(b) Write down the square of 4.

.....

(1)
(Total 2 marks)

Q2. (a) Write the number **three thousand four hundred and twenty five** in figures.

.....

(1)

(b) Write down the value of 4 in the number 2840.

.....

(1)

(c) Write the number 279 to the nearest hundred.

.....

(1)
(Total 3 marks)

Q3. (a) Write 25.2 to the nearest whole number.

.....

(1)

(b) Write $\frac{1}{5}$ as a decimal.

.....

(1)

(c) Write 27% as a fraction.

.....

(1)
(Total 3 marks)

Q4. (a) Write the number 3187 to the nearest thousand.

.....

(1)

(b) Write the number **four thousand six hundred and eighty one** in figures.

.....

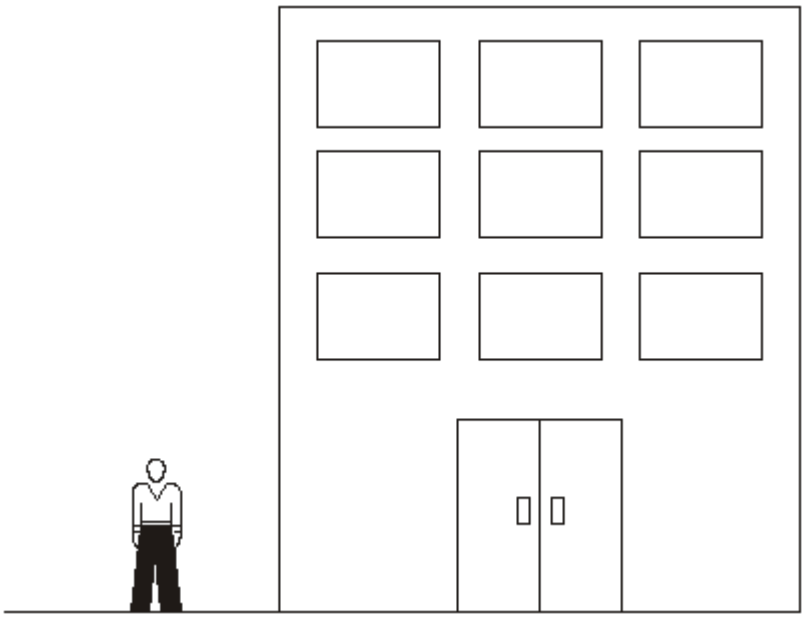
(1)

(c) Write the number 5060 in words.

.....

(1)
(Total 3 marks)

Q5.



The diagram shows a building and a man.
The man is of normal height.
The man and the building are drawn to the same scale.

(a) Write down an estimate for the height of the man.

.....

(1)

(b) Write down an estimate for the height of the building.

.....

(2)
(Total 3 marks)

Q6. (a) Write the number **nine thousand, three hundred and seventy four** in figures.

.....

(1)

(b) Write the number 62 500 in words.

.....

(1)

(c) Write down the value of the **8** in the number 3285

.....

(1)

(d) Write the number 2174 to the nearest hundred.

.....

(1)

(e) Write the number 7362 to the nearest thousand.

.....

(1)
(Total 5 marks)

Q7. (a) Write the number 4117 in words.

.....

(1)

(b) Write the number 4117 to the nearest hundred.

.....

(1)
(Total 2 marks)

Q8. Simon is a salesman.
He gets paid expenses of 40p for every mile that he drives during work.
He also gets £12 expenses as a meal allowance for any day that he drives during work.
The table gives information about the number of miles Simon drove on 5 days in one week.

Day	Number of miles
Monday	48
Tuesday	37
Wednesday	0
Thursday	78
Friday	21

(a) Work out Simon's total expenses.

£ .....

(4)

Sasha works for the same company.
She gets paid expenses of 40p for each mile she drives during work.

Last year she worked for 48 weeks.

Her total **expenses** for driving for the year were £2116.80

(b) Work out an estimate for the average number of miles Sasha drove during work each week last year.

.....

(3)
(Total 7 marks)

M1.

	Answer	Mark	Additional Guidance
(a)	4	1	**B1** accept 4.0(0)
(b)	16	1	**B1**
			Total for Question: 2 marks

M2.

	Answer	Mark	Additional Guidance
(a)	3425	1	**B1** for 3425 cao
(b)	40	1	**B1** for 40 or forty or 4 tens or tens
(c)	300	1	**B1** for 300 or 3 (hundred)
			Total for Question: 3 marks

M3.

	Answer	Mark	Additional Guidance
(a)	25	1	**B1** for 25 cao

(b)	0.2	1	**B1** for 0.2 cao
(c)	$\frac{27}{100}$	1	**B1** for $\frac{27}{100}$ cao
			Total for Question: 3 marks

M4.

	Answer	Mark	Additional Guidance
(a)	3000	1	**B1** for 3000 cao
(b)	4681	1	**B1** for 4681 cao
(c)	five thousand and sixty	1	**B1** for five thousand and sixty
			Total for Question: 3 marks

M5.

	Working	Answer	Mark	Additional Guidance
(a)		1.5 → 2.2 metres	1	**B1** for 1.5m → 2.2m oe or 4ft 10 inches → 7ft oe
(b)	3 × (a) → 5 × (a)	4.5 m → 11 m	2	**M1** for 3 × (a) → 5 × (a) (units not needed but cannot be contradictory) **A1** cao for 4.5m → 11m oe or 14½ ft → 35ft oe (units needed) Note: 5m = 500 cm = 196.85 inches = 16.4 ft

	Total for Question: 3 marks

M6.

	Answer	Mark	Additional Guidance
(a)	9374	1	**B1** cao
(b)	sixty two thousand five hundred	1	**B1** cao
(c)	80	1	**B1** for 80, accept 8 tens, tens
(d)	2200	1	**B1** cao
(e)	7000	1	**B1** cao
			Total for Question: 5 marks

M7.

	Answer	Mark	Additional Guidance
(a)	Four thousand, one hundred and seventeen	1	**B1** for four thousand, one hundred and seventeen oe
(b)	4100	1	**B1** for 4100 in figures or words or 41 hundred
			Total for Question: 2 marks

M8.

		Working	Answer	Mark	Additional Guidance
FE	(a)	48 + 37 + 78 + 21 = 184 184 × 40 = 7360 4 × 12 = 48 73.60 + 48	£121.60	4	**M1** find the total miles **M1** total miles × 40 or × 0.4(0) **M1** mileage expenses + 4 × 12 or + 5 × 12 **A1** cao
	(b)	2000 ÷ 50 = 40 4000 ÷ 40 = 100 **OR** 2000 ÷ 0.4 = 50000 50000 – 50 = 100 **OR** 0.4 × 50 = 20 2000 ÷ 20 = 100	100	3	**M1** for sight of 2000 , or 50, or 20000 **M1** dep for an attempt to find cost per week or mileage per year **A1** 100 **OR** **M1** sight of 2000, or 50 **M1** dep 0.4 × 50 and 2000 ÷ '20' **A1** 100
					Total for Question: 7 marks

E1. Part (a) of this question was well understood with 93 % of candidates scored the mark for either 4, 4.0 or 4.00 whilst part (b) was less well understood as only 52% of candidates scored the marks; 2 and 8 were common wrong answers.

E2. This question was very well answered with almost all candidates gaining the full 3 marks.

E3. The first part of the first question on the paper was answered well with a success rate of over 80%. “26” was the most frequently seen incorrect response. Parts (b) and (c) provided more of a challenge. In part (b) only about one quarter of candidates could give a correct answer. The incorrect answer “0·15” was more commonly seen. In part (c) the fraction “$\frac{2}{7}$ “ was seen almost as often as the correct answer “$\frac{27}{100}$ “. Here, just over a half of candidates were awarded the mark available.

E4. For the majority of candidates this question provided a successful start to the paper. Mistakes were made most often in part (a) where a common error was to round to the nearest hundred rather than to the nearest thousand. Some candidates rounded 3187 up to 4000. Part (b) was answered extremely well and in part (c) most candidates could write the number 5060 in words. Here, incorrect answers often began with ‘five hundred’ or ‘fifty thousand’.

E5. It was interesting to note that many students used imperial units in estimating the height of the man and then switched to metric units when estimating the height of the building. They were not penalised for this as long as their answers were in the required range. Many just measured the two, giving 2 cm and 8 cm as their two answers. Around 60% of the candidates scored all 3 marks with only around 10% failing to score any marks.

E6. All parts of this question were answered well with success rates of well over 90% for the first two parts and of over 80% for the last 3 parts. Tenths or ten were commonly seen incorrect answers to part (c). There was some incorrect rounding in parts (d) and (e). A small minority of candidates did not rounded to the accuracy required.

E7. Part (a) was, in the main, answered correctly; however in part (b), 4000 and 4120 were common errors.