

Using A Calculator Past Paper Questions (MS)



Q1.

| Question | Answer | Mark | Mark scheme | Additional guidance |
|----------|--------------|---------------|---|---|
| (a) | 7360 | B1 | cao | |
| (b) | 0.1077981356 | B2 (B1 | for 0.1077(981...) for 5.74(45626...) or 53.29 or 0.11 or 0.107 or 0.108) | Answer must be given to at least 4 decimal places rounded or truncated Accept a clear indication of the decimal point. Check first four decimal places only |

Q2.

| Question | Working | Answer | Mark | Notes |
|----------|---------|----------------|--------------|---|
| (a) | | 19.0 $\dot{6}$ | M1 A1 | for 7.84 or 12.2 or 1.38 for 19.066 (66666...) or 19.06 with some indication that the 6 is recurring |
| (b) | | 19.1 | B1 | ft from part (a) providing to at least 2 decimal places |

Q3.

| Question | Answer | Mark | Mark scheme | Additional guidance |
|----------|--------------|--------------|---|--|
| (a) | 157.668(255) | M1 A1 | for 836.4 or 5.304(809139) or 28.141 or a truncated or rounded version of 157.668255 to no less than 3 sf for 157.668(255) | Answer must be given to at least 3 decimal places rounded or truncated Accept a clear indication of the decimal point. Check first 3 decimal places only |
| (b) | 157.7 | B1 | ft from part (a) provided answer to (a) has at least 5 sf | |

Q4.

| Question | Answer | Mark | Mark scheme | Additional guidance |
|----------|--------|--------------|---|---------------------|
| (a) | 87 600 | B1 | cao | |
| (b) | 13.524 | M1 A1 | $\frac{3381}{250}$ for 33.81 or 2.5 or 250 or digits 13524 cao | |



Q5.

| | Working | Answer | Mark | Notes |
|--------|---------|------------------|------|--|
| (a)(i) | | 12.978(61279...) | 2 | B1 for 12.978(.....) |
| (ii) | | 13 | | B1 for 13 or ft from a(i) [Note: An answer of 13.0 gets B0] |
| (b) | | 100000 | 1 | B1 cao |

Q6.

| Question | Working | Answer | Mark | Notes |
|----------|---------|--------|------|----------------------------------|
| (a) | | 3.5 | 1 | B1 cao |
| (b) | | 8 | 2 | B2 cao (B1 for 17.68 or 2.21) |

Q7.

| Question | Working | Answer | Mark | Notes |
|----------|---------|-------------------|----------|---|
| (a) | | 275.400(96709035) | M1 A1 | 9.952(38664844) or 53.152(38664844) 275.400(96709035) |
| (b) | | 280 | B1 | ft provided part (a) is to at least 4 significant figures |

Q8.

| Question | Working | Answer | Mark | Notes |
|----------|---------|--------|------|--|
| | | 2.18 | 3 | M1 1.643... or 8.143... M1 (= 2.1773.....) B1 2.18 or ft |

Q9.

| PAPER: 1MA0_2F | | | | |
|----------------|---------|-------------|------|---|
| Question | Working | Answer | Mark | Notes |
| (a) | | 34.81 | 1 | B1 cao |
| (b)(i) | | 35.1606.... | 2 | B1 for 35.1606(7977...) |
| (ii) | | 35.2 | | B1 ft from (i) provided (i) has more than one decimal place |



Q10.

| Question | Working | Answer | Mark | Notes |
|----------|---------|-----------|----------|---|
| (a) | | 2.7560... | M1 A1 | for 1.0654(059...), 0.1402(633...), 7.5957(541...), 2.756 truncated or rounded to no less than 2dp for 2.7560(...) |
| (b) | | 2.76 | B1 | for 2.76 ft from (a) |