

Writing an Expression Past Paper Questions (MS)



Q1.

| PAPER: 1MA0 2F | | | | |
|----------------|---------|---------|------|-------------------|
| Question | Working | Answer | Mark | Notes |
| (i) | | $x + 4$ | 1 | B1 for $x + 4$ oe |
| (ii) | | $2x$ | 1 | B1 for $2x$ oe |

Q2.

| | Working | Answer | Mark | Notes |
|-----|---------|------------|------|--|
| (a) | | $4d$ | 1 | B1 oe |
| (b) | | $4x + 12y$ | 2 | B2 for $4x + 12y$ oe (B1 for $4x$ oe or $12y$ oe seen as part of an expression in terms of x and/or y) |

Q3.

| Question | Working | Answer | Mark | Notes |
|----------|---------|-------------|----------|--|
| | | $12p + 18b$ | M1 A1 | $12p$ or $18b$ or $p + b$ $12p + 18b$ |

Q4.

| Question | Working | Answer | Mark | Notes |
|----------|---------|---------------------|------|-------------------------------|
| (a) | | $b - a$ | 1 | B1 cao |
| (b) | | $\frac{(a + b)}{2}$ | 1 | B1 for $\frac{(a + b)}{2}$ oe |

Q5.

| Question | Working | Answer | Mark | Notes |
|----------|---------|------------------------|------|---|
| | | $\frac{x+10+x+x-4}{3}$ | 3 | M1 for $x + 10$ or $x - 4$ M1 for $x + 10 + x + x - 4$ A1 for $\frac{x+10+x+x-4}{3}$ oe |



Q6.

| Paper_5MB1F_01 | | | | |
|----------------|---------|---------------------|------|--|
| Question | Working | Answer | Mark | Notes |
| | | $\frac{20 - x}{20}$ | 2 | M1 for writing $20 - x$ OR 20 as any denominator below an algebraic expression in x or $20 - x \div 20$ $\frac{20 - x}{20}$ or $1 - \frac{x}{20}$ oe A1 for $\frac{20 - x}{20}$ or $1 - \frac{x}{20}$ oe |

Q7.

| Question | Working | Answer | Mark | Notes |
|----------|---------|----------|------|---|
| | | 14:21:42 | P1 | for 2 out of 3 expressions in one letter eg from $x, x+7, 2x+14$ or see a set of numbers to show interpretation of the relationships, eg 10, 17, 34 |
| | | | P1 | (dep) for sum of their 3 expressions =77 eg $x + x+7+2x+14 =77$ oe or 2 systematic correct trials including addition |
| | | | P1 | for a correct process to isolate their term in x or $x=14$ |
| | | | A1 | for ratio 14:21:42 oe |

Q8.

| PAPER: 5MB1F_01 | | | | |
|-----------------|---------|--------------|------|--|
| Question | Working | Answer | Mark | Notes |
| (a) | | 4 : 3 | 2 | M1 for 20 : 15 or 3 : 4 A1 cao |
| (b) | | $35 - x - y$ | 2 | M1 for $20 - x$ or $15 - y$ A1 for $20 - x + 15 - y$ oe |