Mark schemes

Q1.

B1

(b)
$$5(y+1)$$
 or $5y+5$

or
$$(4+1)(y+1)$$
 or $4y+4+y+1$

В1

Additional Guidance

Condone
$$(4 + 1) \times (y + 1)$$

В1

Condone
$$5 \times (y+1)$$
 or $5 \times y+5$

В1

Condone missing final bracket 5 * (v

В1

Do not ignore further incorrect work

(c)
$$(x + 1)(y + 1)$$

or
$$x(y + 1) + y + 1$$
 or

$$y(x + 1) + x + 1$$
 or xy

$$+ x + y + 1$$

В1

Additional Guidance

Condone
$$(x + 1) \times (y + 1)$$

B1

Condone $x \times (y+1) + y+1$

В1

Do not ignore further incorrect work

(d)
$$(2x+1)(y+1)$$

or
$$2x(y + 1) + y + 1$$

or
$$y(2x + 1) + 2x + 1$$

or
$$2xy + 2x + y + 1$$

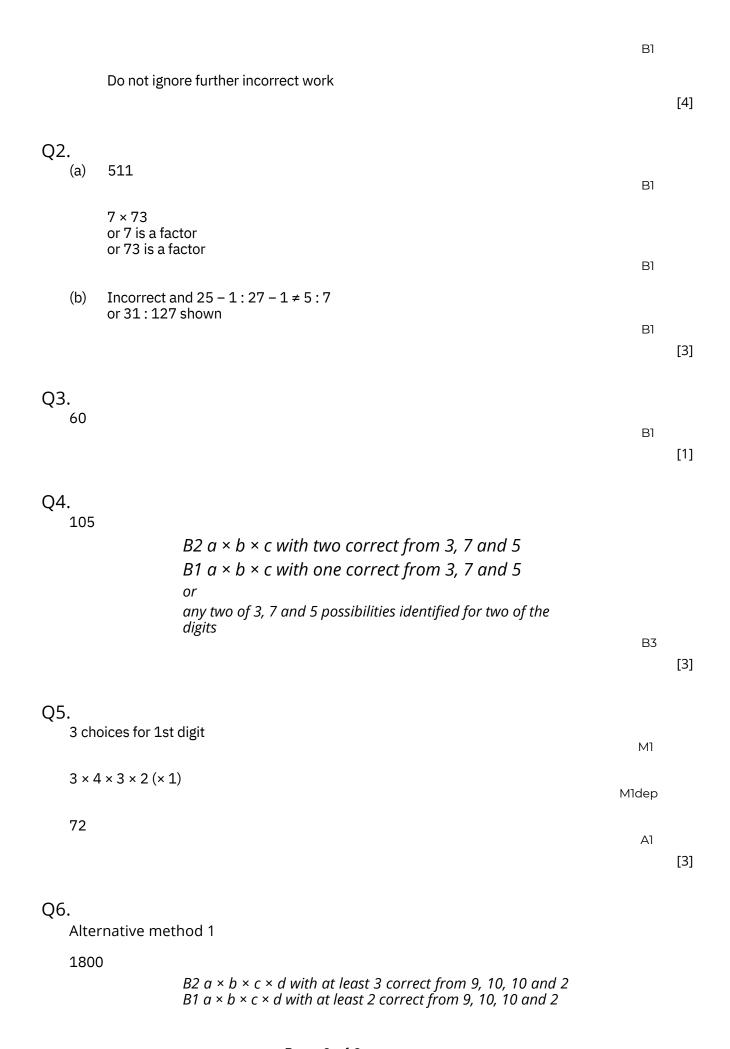
В1

Additional Guidance

Condone
$$(2x + 1) \times (y + 1)$$

B1

Condone
$$2x \times (y+1) + y+1$$



Alternative method 2

9000

The number of digits between 1000 and 9999 inclusive

their 9000 ÷ 5

Mildep

1800

Al

[3]