

SMART EXAM RESOURCES
SUBJECT: CAMBRIDGE INTERNATIONAL MATH
TOPIC: NUMBERS
SUB-TOPIC: FOUR OPERATIONS [BODMAS]
SET-3-QP-MS

1 Work out, giving your answer in standard form.

$$(6.3 \times 10^4) + (5.6 \times 10^5)$$

..... [2]

MARK SCHEME:

6.23×10^5	2	B1 for figs 623 or 0.63×10^5 soi or 56×10^4 soi
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2 Work out $(3.2 \times 10^{20}) + (2.3 \times 10^{21})$, giving your answer in standard form.

..... [2]

MARK SCHEME:

2.62×10^{21}	2	M1 for 0.32×10^{21} or 23×10^{20} or figs 262
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3 Work out $15 + 14 \times 2$.

..... [1]

MARK SCHEME:

43	1
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4 Work out.

$$1 + 2 - 3 \times 4$$

..... [1]

MARK SCHEME:

-9	1
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5 Work out.

$$3 + 7 \times 2 + 5$$

..... [1]

MARK SCHEME:

22	1
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- 6 (a) Insert **one** pair of brackets to make the statement correct.

$$3 \times 7 + 2 + 9 = 36$$

[1]

MARK SCHEME:

	$3 \times (7 + 2) + 9 = 36$	1	

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7 Work out $7(1 \times 10^6) \times (3 \times 10^{-8})$.
Give your answer in standard form.

..... [2]

MARK SCHEME:

2.1×10^{-1} cao	2	M1 for correct answer not in standard form
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8

- (a) Work out $(1.5 \times 10^1) \times (7 \times 10^{-3})$.
Give your answer in standard form.

..... [2]

- (b) Work out $(6.5 \times 10^{-2}) + (7.8 \times 10^{-3})$.
Give your answer in standard form.

..... [2]

MARK SCHEME:

a)	1.05×10^{-1} cao	2	M1 for equivalent non-standard form answer e.g. 10.5×10^{-2}
b)	7.28×10^{-2} cao	2	M1 for figs 728 seen