

## 1. NO Calculator

- (a) Write  $7.306 \times 10^2$  as an ordinary number
- (b) Write  $8.28 \times 10^5$  as an ordinary number

## 2. NO calculator

- (a) Write  $3.9 \times 10^{-3}$  as an ordinary number
- (b) Write  $7.5 \times 10^{-1}$  as an ordinary number

## 3. NO Calculator

- (a) Write 56.3 in standard form
- (b) Write 67 in standard form
- (c) Write 30 500 in standard form

## 4. NO Calculator

- (a) Write 0.000 052 38 in standard form
- (b) Write 0.3 in standard form
- (c) Write 0.000 007 in standard form

## 5. NO calculator

Write these numbers in order of size.

Start with the smallest number.

$$340 \times 10^1 \quad 3.4 \quad 34 \times 10^{-4} \quad 0.0034 \times 10^2$$

## 6. NO Calculator

- (a) Write  $410 \times 10^{-4}$  in standard form
- (b) Write  $0.028 \times 10^{-5}$  in standard form
- (c) Write  $410 \times 10^4$  in standard form
- (d) Write  $0.028 \times 10^5$  in standard form

## 7. NO Calculator

(a) Calculate  $7 \times 10^2 \times 3 \times 10^4$

Give your answer in standard form.

(b) Work out the value of  $(5 \times 10^5) \times (8 \times 10^7)$

Give your answer in standard form.

## 8. CALCULATOR OK

(a) Work out  $(3.6 \times 10^{-4}) \times (5.3 \times 10^2)$

Give your answer in standard form.

(b) Work out  $3.6 \times 10^{-4} \times (5.3 \times 10^2)$

Give your answer in standard form.

(c) Work out the value of  $(9.18 \times 10^1) \div (3.4 \times 10^4)$

Give your answer in standard form.

(d) Work out the value of  $9.18 \times 10^1 \div (3.4 \times 10^4)$

Give your answer in standard form.

## 9. NO Calculator

(a) Work out  $(4.6 \times 10^5) \div (9.2 \times 10^1)$

Give your answer in standard form.

(b) Work out  $(5.4 \times 10^4) \div (2.7 \times 10^3)$

Give your answer in standard form.