

1. Evaluate without a calculator:

$10^0$

$10^1$

$10^2$

$10^3$

$3 \times 10^2$

$4 \times 10^3$

2. Evaluate without a calculator:

$$10^{-1}$$

$$10^{-2}$$

$$10^{-3}$$

$$3 \times 10^{-2}$$

$$4 \times 10^{-3}$$

$$6 \times 10^{-2}$$

3. Write the numbers in standard form:

123

123000

4500

45920

3000

400000

4. Write the numbers in standard form:

0.00123

0.123

0.045

0.004592

0.003

0.00004

5. Convert to normal numbers:

$$6.23 \times 10^{-3}$$

$$3.23 \times 10^{-1}$$

$$4.6 \times 10^{-2}$$

$$4.532 \times 10^{-3}$$

$$9 \times 10^{-3}$$

$$3.5 \times 10^{-3}$$

6. Write as ordinary numbers:

$$1.53 \times 10^2$$

$$1.33 \times 10^5$$

$$4.9 \times 10^3$$

$$5.592 \times 10^4$$

$$5 \times 10^3$$

$$8 \times 10^5$$