

Name: \_\_\_\_\_

Grade: \_\_\_\_\_

**Scientific Notation & Standard/Ordinary Form**  
**BGCSE Credit Recovery Assignment**

- ❖ Answer the following questions below. Do not type any spaces in your answer. Please use commas for large numbers when writing in ordinary form. Use '^' for exponents to represent "to the power of". The first question in each section was done for you.
- ❖ Calculators are allowed.

**Section A**

Express the following numbers in scientific notation.

- (1)  $30,000 = 3 \times 10^4$
- (2)  $700,000 =$
- (3)  $5,300 =$
- (4)  $470,000 =$
- (5)  $9,500,000 =$
- (6)  $0.0003 =$
- (7)  $0.00007 =$
- (8)  $0.00045 =$
- (9)  $0.0034 =$
- (10)  $0.000724 =$

**Section B**

Express the following numbers as an ordinary number.

- (1)  $5 \times 10^{-4} = 0.0005$
- (2)  $9 \times 10^{-5} =$
- (3)  $5.8 \times 10^{-3} =$
- (4)  $6.2 \times 10^{-7} =$
- (5)  $6.45 \times 10^{-6} =$
- (6)  $6 \times 10^5 =$
- (7)  $8 \times 10^3 =$
- (8)  $6.5 \times 10^5 =$
- (9)  $1.2 \times 10^8 =$
- (10)  $3.71 \times 10^6 =$

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