

**Name:**

**Period:**

**Section A: The Definition of the Notation (Decimal => Scientific)**

Write the following numbers in scientific notation.

1. 1001

6. 0.13592

2. 53

7. -0.0038

3. 6,926,300,000

8. 0.00000013

4. -392

9. -0.567

5. 0.00361

10. 1768342.00

**Section B: Converting Back (Scientific => Decimal)**

1.  $1.92 \times 10^3$

6.  $1.03 \times 10^{-2}$

2.  $3.051 \times 10^1$

7.  $8.862 \times 10^{-1}$

3.  $-4.29 \times 10^2$

8.  $9.512 \times 10^{-8}$

4.  $6.251 \times 10^9$

9.  $-6.5 \times 10^{-3}$

5.  $8.317 \times 10^6$

10.  $3.159 \times 10^2$

