



## **Practice exercise: Signed Numbers**

### **Subtopic: Scientific Notation**

A. Write in **scientific** notation

• **Eg: 0.00042**

- **$4.2 \times 10^{-4}$  ← the exponent is refer to the number of decimal point removed.**

1.  $0.00000898 =$  \_\_\_\_\_

2.  $175000000 =$  \_\_\_\_\_

3.  $0.0038 =$  \_\_\_\_\_

4.  $0.00000467 =$  \_\_\_\_\_

5.  $125000000 =$  \_\_\_\_\_

6.  $4500000000 =$  \_\_\_\_\_

7.  $0.2500000 =$  \_\_\_\_\_

8.  $0.00073 =$  \_\_\_\_\_

9.  $620000000000 =$  \_\_\_\_\_

10.  $950000000000000000 =$  \_\_\_\_\_

B. Write in **standard** notation

• **Eg:  $1.03 \times 10^{-2}$**

○ **0.0103**

1.  $1.52 \times 10^{-6} =$  \_\_\_\_\_

2.  $507 \times 10^8 =$  \_\_\_\_\_

3.  $4.15 \times 10^{-5} =$  \_\_\_\_\_

4.  $0.37 \times 10^{-3} =$  \_\_\_\_\_

5.  $5.43 \times 10^7 =$  \_\_\_\_\_

6.  $7.22 \times 10^{-9} =$  \_\_\_\_\_

7.  $102 \times 10^{-4} =$  \_\_\_\_\_

8.  $15.9 \times 10^5 =$  \_\_\_\_\_

9.  $6.969 \times 10^6 =$  \_\_\_\_\_

10.  $42.45 \times 10^3 =$  \_\_\_\_\_

**Answer Key**

**Practice exercise: Signed Numbers**

**Subtopic: Scientific Notation**

**A.**

1.  $8.98 \times 10^{-6}$
2.  $1.75 \times 10^8$
3.  $3.8 \times 10^{-3}$
4.  $4.67 \times 10^{-5}$
5.  $1.25 \times 10^{-8}$
6.  $4.5 \times 10^9$
7.  $2.5 \times 10^1$
8.  $7.3 \times 10^{-4}$
9.  $6.2 \times 10^{11}$
10.  $9.5 \times 10^{16}$

**B.**

1. 0.00000152
2. 50 700 000 000
3. 0.0000415
4. 0.00037
5. 54 300 000
6. 0.00000000722
7. 0.0102
8. 1 590 000
9. 6 969 000
10. 42 450