

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

Score: \_\_\_\_\_

**Standard and Expanded Form**

**Write in expanded form:**

- 1) 14.8256 \_\_\_\_\_
- 2) 1.87268 \_\_\_\_\_
- 3) 89.527 \_\_\_\_\_
- 4) 1.67822 \_\_\_\_\_
- 5) 9.1486 \_\_\_\_\_
- 6) 12.783 \_\_\_\_\_
- 7) 1.0049 \_\_\_\_\_
- 8) 0.76002 \_\_\_\_\_

**Write in standard form:**

- 1)  $70 + 2 + 0.7 + 0.01 + 0.004 + 0.0003 + 0.0004$  \_\_\_\_\_
- 2)  $10 + 8 + 0.2 + 0.07 + 0.003 + 0.00008$  \_\_\_\_\_
- 3)  $20 + 2 + 0.2 + 0.02 + 0.002$  \_\_\_\_\_
- 4)  $1 + 0.3 + 0.07 + 0.005 + 0.0006 + 0.00002$  \_\_\_\_\_
- 5)  $60 + 0.1 + 0.08 + 0.008 + 0.0001$  \_\_\_\_\_
- 6)  $80 + 9 + 0.07 + 0.00005$  \_\_\_\_\_
- 7)  $10 + 0.002$  \_\_\_\_\_
- 8)  $60 + 5 + 0.1 + 0.02 + 0.006 + 0.0008$  \_\_\_\_\_

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### Answers

Write in expanded form:

- 1) 14.8256      **$10 + 4 + 0.8 + 0.02 + 0.005 + 0.0006$**
- 2) 1.87268      **$1 + 0.8 + 0.007 + 0.002 + 0.0006 + 0.00008$**
- 3) 89.527      **$80 + 9 + 0.5 + 0.02 + 0.007$**
- 4) 1.67822      **$1 + 0.6 + 0.07 + 0.008 + 0.0002 + 0.00002$**
- 5) 9.1486      **$9 + 0.1 + 0.04 + 0.008 + 0.0006$**
- 6) 12.783      **$10 + 2 + 0.7 + 0.08 + 0.003$**
- 7) 1.0049      **$1 + 0.004 + 0.0009$**
- 8) 0.76002      **$0.7 + 0.06 + 0.00002$**

Write in standard form:

- 1)  $70 + 2 + 0.7 + 0.01 + 0.004 + 0.0003 + 0.0004$      **72.71434**
- 2)  $10 + 8 + 0.2 + 0.07 + 0.003 + 0.00008$      **18.27308**
- 3)  $20 + 2 + 0.2 + 0.02 + 0.002$      **22.222**
- 4)  $1 + 0.3 + 0.07 + 0.005 + 0.0006 + 0.00002$      **1.37562**
- 5)  $60 + 0.1 + 0.08 + 0.008 + 0.0001$      **60.1881**
- 6)  $80 + 9 + 0.07 + 0.00005$      **89.07005**
- 7)  $10 + 0.002$      **10.002**
- 8)  $60 + 5 + 0.1 + 0.02 + 0.006 + 0.0008$      **65.1268**