

# Ordering standard form

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This task is about ordering numbers that are written in standard form.

$2.9 \times 10^4$      $5.6 \times 10^6$      $5.9 \times 10^3$      $8.3 \times 10^5$      $5.1 \times 10^6$      $2.7 \times 10^4$

All the numbers in the box above are written in standard form.

a) List these numbers in order from the smallest to largest.

i) \_\_\_\_\_ (smallest)

ii) \_\_\_\_\_

iii) \_\_\_\_\_

iv) \_\_\_\_\_

v) \_\_\_\_\_

vi) \_\_\_\_\_ (largest)

i) Circle the larger of these two numbers:  $4.317 \times 10^6$  or  $5.724 \times 10^5$

ii) Explain why you are able to tell this number is larger.

b) \_\_\_\_\_  
\_\_\_\_\_

i) Circle the larger of these two numbers:  $4.3 \times 10^8$  or  $4.17 \times 10^8$

ii) Explain why you are able to tell this number is larger.

c) \_\_\_\_\_  
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