

Set 1

Nadia wrote the number  $54 \times 10^4$ . Explain why the number is not in scientific notation. Then, write  $54 \times 10^4$  in scientific notation.

Set 2

Vance wrote the number  $0.032 \times 10^{-3}$ . Explain why the number is not in scientific notation. Then, write the number in scientific notation.

Write the expression  $(4.2 \times 10^3) + (9.1 \times 10^{-4})$  as a number in standard form.

Set 1

1. 54 is greater than 10  $(54 \div 10) \times (10^4 \times 10)$  5.4 × 10<sup>5</sup>

Set 2

- 1. 0.032 is less than 1  $(0.032 \times 100) \times (10^{-3} \div 100)$   $3.2 \times 10^{-5}$

4200 + 0.00091 4200.00091