

# Lesson 8.4: Scientific Notation

## Targets

1. I can evaluate numbers in scientific notation.

## Scientific Notation

Watch the video and take notes on the following examples:

$$3.102 \times 10^2 =$$

$$7.4 \times 10^4 =$$

$$1.75 \times 10^{-3} =$$

$$120,000 =$$

$$1,765,244 =$$

$$12 =$$

$$0.000000027 =$$

$$2.9 \times 10^{-5} =$$

## Khan Activity: Scientific Notation Intuition

Complete this activity on Khan.

## Scientific Notation

First attempt this problem on your own. Then watch the video and copy his notes.

Your attempt:

Express 0.0000000003457  
in scientific notation.

Video Notes:

Express 0.0000000003457  
in scientific notation.

## Khan Activity: Scientific Notation Intuition

Complete this activity on Khan.

## Exit Ticket

1. Have all your notes filled out above.
2. Complete the following Khan Academy Activities:
  - a. Scientific Notation Intuition
  - b. Scientific Notation