



SCIENTIFIC NOTATION

Writing, Comparing, & Operations

TASK CARD REVIEW

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SCIENTIFIC NOTATION

task card review

Objective: To practice converting numbers between scientific notation and standard form, comparing numbers written in scientific notation or scientific notation/standard form, add and subtract numbers written in scientific notation, multiply numbers written in scientific notation, and apply the operations on scientific notation to real world applications.

Directions:

- 1) Print, cut, and laminate the 32 task cards. Also, copy enough recording worksheets for each student. These are the ways I have run this activity:
 - Place 2-3 cards at each station and have students move in groups of 3-4 from station to station after approximately 4 minutes. (This way you only have to copy one set of cards)
 - Students work in pairs and are given a card set. They work together to answer each card. You will need to print, cut, and laminate many sets. I typically prefer this because it leads to more one-on-one discussion.
- 2) They may check their answers by scanning the QR code on the card. A mobile device is required with a QR scanner app. An internet connection is not required to scan the code. It's very simple to set up, feel free to email me if you have any questions!

Includes student worksheet, 32 task cards, and answer key!
A non-QR code version is included as well.

The image displays a student worksheet and several task cards. The worksheet, titled "SCIENTIFIC NOTATION task card review", includes a grid for recording answers to 32 task cards. The task cards shown are:

- Card 1:** Write in scientific notation: 673,000
- Card 7:** Compare the values using a "<" or ">" symbol: 4.5×10^8 1.3×10^9
- Card 16:** Simplify. Write your answer in scientific notation: 2×10^{-4}
- Card 26:** The quotient of 4×10^{-8} . answer in notation.
- Card 30:** The revenue of a company is approximately 1.9×10^7 dollars each year. Based on this, find the total revenue of the company after 25 years. Give your answer in scientific notation.