Situation 13: Trigonometric Equations
Prepared at UGA
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Prompt

A student teacher was explaining how to solve trig equations of the form

$$\sin \theta = 0.06$$

A debate occurred about what to do with 0.6. The student teacher said something like:

"Take sine to the minus one on both sides of the equation".

Then one student wanted to know whether this is like dividing by sine on both sides.

What reponses might the student teacher consider?

Commentary

Mathematical Foci

Mathematical Focus 1

Mathematical Focus 2

Mathematical Focus 3

Mathematical Focus 4