

Problem Creation Walkthrough

Name:

In order to increase your conceptual understanding we're going to be writing our own math problems.

Describe the math you've been doing lately.

Copy down a task or prompt you were given in the past few weeks.

Now, this is your chance to be creative. **Create a new, never before seen problem.**

You may use the task above as a starting place, or start from scratch. Be creative!

Try the following:

- Give a problem a different context, but similar math.
- Try "undoing" the problem.
- Ask a different question about the task.

These are words that might be helpful in your problem creation:

Find	Design	Not
Estimate	After	Which
Always	Smaller	Best
Equal	Draw	Greater
Explain	First	Why
Perimeter	Diagram	Demonstrate
Graph	Variable	Faster

Your solution. Please demonstrate a solution method to solve the problem you posed.

Why are we writing our own problems?

- To reflect on your own level of understanding
- To promote awareness of the range and contexts that math might apply
- To gain confidence in communicating mathematics to others