

Make sense of problems and persevere in solving them.

Mathematical Practice 1



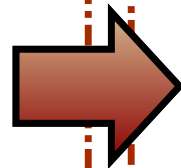
When given a problem, I can make a plan to solve it and check my answer.

BEFORE...

Think about the problem.

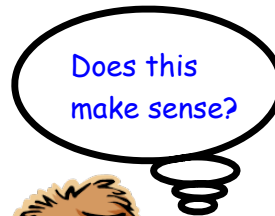


Make a **plan** to solve the problem.



DURING...

Don't give up!



AFTER...

CHECK my work.



Is there another way to solve the problem?

Make sense of problems and persevere in solving them.

Mathematical Practice 1



When given a problem, I can make a plan, carry out my plan, and check my answer.

BEFORE...

Think about the problem.

Ask myself, "Which strategy will I use?"

Make a **plan** to solve the problem.



DURING...

Stick to it!

Ask myself, "Does this make sense?"

Change my plan if it isn't working out.



AFTER...

CHECK my work.



Ask myself, "Is there another way to solve the problem?"

Make sense of problems and persevere in solving them.

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When presented with a problem, I can make a plan, carry out my plan, and check its success.

BEFORE...

DURING...

AFTER...

EXPLAIN the problem to myself.

MAKE A PLAN to solve the problem

- *What is the question?*
- *What do I know?*
- *What do I need to find out?*
- *What tools/strategies will I use?*

PERSEVERE (Stick to it!)

MONITOR my work

ASK myself, "Does this make sense?"

CHANGE my plan if it isn't working out

CHECK

- *Is my answer correct?*
- *How do my representations connect to my solution?*

EVALUATE

- *What worked/didn't work?*
- *How was my solution similar or different from my classmates'?*

Make sense of problems and persevere in solving them.

Mathematical Practice 1



When presented with a problem, I can make a plan, carry out my plan, and evaluate its success.

BEFORE...

EXPLAIN the problem to myself.

- *Have I solved a problem like this before?*

ORGANIZE information...

- *What is the question?*
- *What do I know?*
- *What do I need to find out?*
- *What tools/strategies will I use?*

DURING...

PERSEVERE

MONITOR my work

ASK myself, "Does this make sense?"

CHANGE my plan if it isn't working out

AFTER...

CHECK

- *Is my answer correct?*
- *How do my representations connect to my solution?*

EVALUATE

- *What worked/didn't work?*
- *How was my solution similar or different from my classmates'?*