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!
- Does this make sense?

**AFTER...**
- CHECK my work.
- Is there another way to solve the problem?

Think! Don't give up! See if it makes sense!

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Reason abstractly and quantitatively.

Mathematical Practice 2

I can use numbers and words to help me make sense of problems.

Numbers to Words

\[2 + 3 = 5\]

I have 2 yellow flowers and 3 red flowers. How many flowers altogether?

Words to Numbers

I have 2 yellow flowers and 3 red flowers.
How many flowers altogether?

\[2 + 3 = 5\]
I can explain my thinking and consider the mathematical thinking of others.

I can explain my strategy using...
- objects
- drawings
- actions

I can compare my strategy with others by...
- listening
- asking questions
- making connections between my own thinking and others
Model with mathematics.

Mathematical Practice 4

I can recognize math in everyday life and use math I know to solve problems.

I can use...

(Pictures) 4 birds are in a tree. 2 birds flew away. How many are left?

(Symbols) $4 - 2 = 2$

(Objects) I have 4. I take 2 away. Now I have 2.

(Words) ...to solve everyday problems.

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Use appropriate tools strategically.

Mathematical Practice 5

I can use math tools to help me explore and understand math in my world.

I have a math toolbox.
Attend to precision.

Mathematical practice 6

*I can be careful when I use math and clear when I share my ideas.*

Careful and clear mathematicians use...

**PLUS:**
- join

**EQUAL:**
- the same as

2 cats + 3 dogs = 5 pets

- math vocabulary
- symbols
- labels
- addition and subtraction strategies

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Jordan School District 2012, Grades K-1
Look for and make use of structure.

I can see and understand how numbers and shapes are put together as parts and wholes.

**Numbers**

\[
\begin{align*}
10 + 1 &= 11 \\
2 + 1 &= 1 + 2
\end{align*}
\]

**Shapes**
Look for and express regularity in repeated reasoning. Mathematical Practice 8

I can notice when calculations are repeated.

I see number patterns!

11 = 10 + 1
12 = 10 + 2
13 = 10 + 3
14 = 10 + 4
15 = 10 + 5