

Standard for Mathematical Practice #1

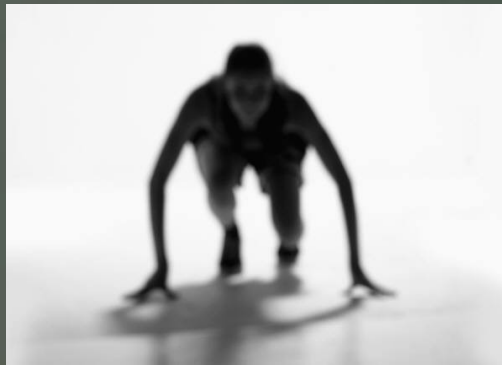
Make sense of problems and persevere in solving them.

*Make a plan!

*Try different approaches when your problem is hard.

*Solve your problem in more than one way.

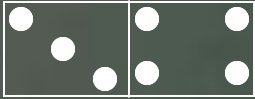

*Check whether your solution makes sense.



Standard for Mathematical Practice #2

Reason abstractly and quantitatively.

Explain the meanings of the numbers, words,
pictures, symbols
and objects you and others use.

7	
$3 + 4$	seven siete
$17 - 10$	
	

Standard for Mathematical Practice #3

Construct viable arguments and critique the reasoning of others.

*Explain both what to do and why it works.

*Work to make sense of others' mathematical thinking.



Standard for Mathematical Practice #4

Model with mathematics.

* Apply math to real world situations.

* Use models such as graphs, drawings, tables, symbols, numbers and diagrams to solve problems.



Standard for Mathematical Practice #5

Use appropriate tools strategically.

- * Choose appropriate tools for your problem.
- * Use mathematical tools correctly and efficiently.
- * Estimate and use what you know to check the answers you find using tools.



Standard for Mathematical Practice #6

Attend to precision.

- *Communicate your mathematical thinking clearly and precisely.
- *Use the level of precision you need for your problem.
- *Be accurate when you count, measure, and calculate.

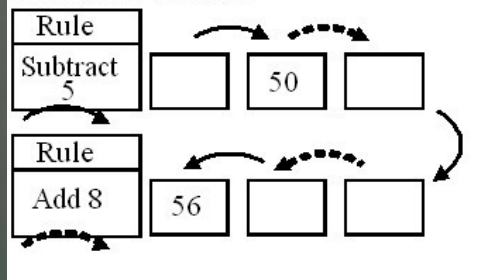


Standard for Mathematical Practice #7

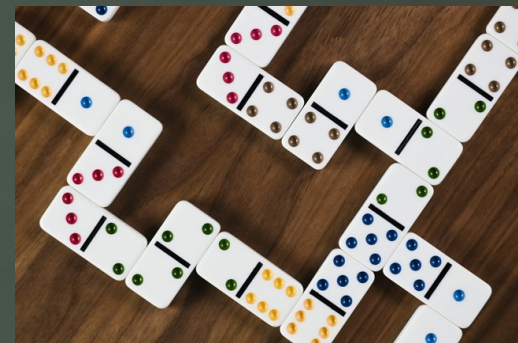
Look for and make use of structure.

- *Find, extend, analyze, and create patterns.
- *Use patterns and structures to solve problems.

Fill in the frames.



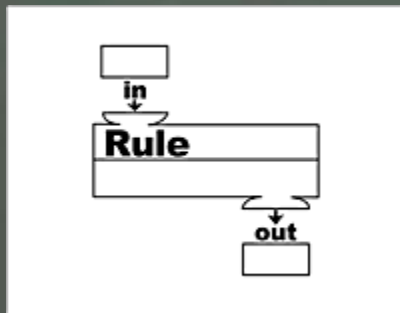
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100



Standard for Mathematical Practice #8

Look for and express regularity in repeated reasoning.

- * Use patterns and structures to create and explain rules and shortcuts.
- * Use properties, rules and shortcuts to solve problems.
- * Reflect on your thinking before, during, and after you solve a problem.



A chalkboard illustration showing the commutative property of multiplication. The equation $A \times B = B \times A$ is written on the board. Below it, the numerical example $5 \times 10 = 5 \times 10$ is written. Two curved arrows above the equation point from the left side to the right side, indicating the relationship between the two sides of the equation.

