● Multiples of 2 ● Multiples of 3 ◯ Multiples of 4 △ Multiples of 5 ☐ Multiples of 6 ★ Multiples of 7

Number Line

Roll & Multiply Record Sheet

Day	Products					Number of Odd Products	Number of Even Products
1	42	20	20	30	63	1	4
2	40	64	72	45	36	1	4
3	20	48	28	54	54	0	5
4	32	16	81	54	42	1	4
5	54	48	25	81	35	3	2
6	48	35	64	20	72	1	4
7	48	72	49	63	35	3	2
8	72	45	63	54	32	2	3
9	36	25	25	49	42	3	2
10	72	30	56	63	20	1	4
11	40	20	49	20	36	1	4
12	30	20	45	81	45	3	2
13	40	24	81	32	40	1	4
14	45	42	25	56	32	2	3
15	56	28	48	30	36	0	5
16							

Calendar Collector

February

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1 — 4	2 — 7	3 — 10	4 — 13	5 — 16
6 — 19	7 — 22	8 — 25	9 — 28	10 — 31	11 — 34	12 — 37
13 — 40	14 — 43	15 — 46				

February Calendar Record Sheet

Input Number	Output Number	Observations & Predictions
1	4	It added 3 today. Maybe it'll do that every time.
2	7	Now it added 5, not 3.
3	10	It added 7 this time.
4	13	Every new number on the Out side is 3 more than the one before.
5	16	Tomorrow it will be 10, and the day after, it will be 22. It's always 3 more.
6	19	It goes up by 1 on the In number and by 3 on the Out number.
7	22	It added 15 today. Tomorrow it will add 17. So the Out number will be 25, because 8 + 17 = 25.
8	25	We were right. It added 17, because 8 + 17 = 25.
9	28	It's an even number.
10	31	It's the same as 10 + 10 + 10, then add 1 more.
11	34	This is the same thing. It's 11 + 11 + 11 and 1 more to get to 34.
12	37	Odd number.
13	40	Even number.
14	43	If you made a picture, it would be 3 legs of 14 and 1 more. That's 43.
15	46	3 × 15 = 45. Add one more and it's 46.

Calendar Grid

February

Number Corner Student Book

NAME _____ DATE _____

February Problem Solving Sheet 3

PROBLEM SOLVING

1 Fill in the missing numbers for each job and then describe the Function Machine's program.

a Job 1

In	Out
1	7
2	8
⋮	⋮
5	11
6	☐
⋮	⋮
☐	16
11	17

b Job 2

In	Out
1	6
2	12
3	18
4	☐
⋮	⋮
8	48
9	☐
10	☐

What is the program? _____

What is the program? _____

2 Mrs. Longchamp spent exactly $112 when she bought 14 books for her class. She spent $48 on math books and $64 on dictionaries. The price of each math book was the same as the price of each dictionary. How many of each kind of book did she buy?

Problem Solving

NAME _Sage_____ DATE _2/2_____

Quick Facts Worksheet

What's your multiplier?	How many minutes?	Number correct
6	4	

1 Multiply each number in the grid by your multiplier. Write each product in the box.

5 30	7 42	3 18	6 36	1 6	0 0	2 12	10 60
4 24	6 36	11 66	9 54	12 72	8 48	4 24	5 30
6 36	10 60	2 12	7 42	8 48	1 6	9 54	3 18
9 54	7 42	12 72	2 12	11 66	0 0	8 48	10 60
11 66	12 72	3 18	4	7	6	5	9

2 Choose 10 *different* products from above (except 0) and record them in the 10 boxes below. Then divide each by your multiplier.

$6\overline{)30}$ = 5 $6\overline{)24}$ = 4 $6\overline{)36}$ = 6 $6\overline{)66}$ = 11 $6\overline{)12}$ = 2

$6\overline{)48}$ = 8 $6\overline{)54}$ = 9 $6\overline{)42}$ = 7 $6\overline{)18}$ = 3 $6\overline{)72}$ = 12

Computational Fluency