Grade 3　　　　Units 6, 7, 8　　Week 7

Parents: Please help your child choose the most appropriate assignment(s) to complete each day. When the day's assignment is done, students finish the two reflection statements on this page.

Please note Extra Practice activities are on-level for the grade level. Re-Engage activities give students additional support.

Special Education students should use the Re-Engage lessons as shown in the weekly plans.

	Monday	Tuesday	Wednesday	Thursday	Friday
Topic	Compare fractions.	Solve two-step word problems using addition and subtraction.	Solve two-step word problems using addition, subtraction, and multiplication	Identify addition and subtraction patterns by using a 100s chart.	Find the rule or pattern by completing multiplication and division input and output tables.
Assignment	Unit 6 Lesson 15 Homework	Unit 7 Lesson 2 Re-Engage Extra Practice	Unit 7 Lesson 5 Re-Engage Extra Practice	Unit 8 Lesson 3 Re-Engage A Re-Engage B Extra Practice	Unit 8 Lesson 7 Re-Engage Extra Practice
Video link	(no video for Math Tasks)	Unit 7 Lesson 2 English　　Spanish **Student Support Video**	Unit 7 Lesson 5 English　　Spanish **Student Support Video**	Unit 8 Lesson 3 English　　Spanish **Student Support Video**	Unit 8 Lesson 7 English　　Spanish **Student Support Video**
Fluency Practice	Division A Dividends within 100 (70 items)	Multiplication A Products within 100 (70 items)	Online Facts Practice Multiplication Families from 2 to 9 5-10 minutes	Division B Dividends within 100 (70 items)	Multiplication B Products within 100 (70 items)
Reflection	One thing I was successful with is… One thing I need more help with is…	One thing I was successful with is… One thing I need more help with is…	One thing I was successful with is… One thing I need more help with is…	One thing I was successful with is… One thing I need more help with is…	One thing I was successful with is… One thing I need more help with is…

Find this packet on swunmath.com. Click on the hyperlinks to jump to the lesson videos.

Directions: Read and solve.

Danny and Tony both bought equal sized whole submarine sandwiches. Danny ate $^1/_3$ of his submarine sandwich and Tony ate $^1/_6$ of his submarine sandwich. Tony thinks he ate more of the sandwich than Danny because 6 is larger than 3. Is Tony correct?

Who has more of their sandwich left? How do you know?

Create models and a number line to support your answer. Explain your thinking.

Name: _____

Date: _____

Model

Read the problem: In third grade, there were a total of ⑤⑤ students at the start of the school year. During the school year, ㉔ students moved away and ⑫ new students came to the school. How many students were in third grade at the end of the school year?

Plan: Which equation matches the problem?

| 55 | - | 24 | + | 12 | = | |

Ⓐ

| | - | | - | | = | |

B

| | + | | + | | = | |

C

Solve the equation:

Step 1:

$$55 - 24 = s$$
$$55 - 24 = 31$$

starting students — students moved — students left

total students	
55	
24	s

students moved — students left

Step 2:

$$31 + 12 = t$$
$$31 + 12 = 43$$

students left — new students — ending students

ending students	
t	
31	12

students left — new students

There were __43__ third graders at the end of the school year.

Structured Guided Practice

Directions: Read and solve.

1. Read the problem: Mom brought 27 cupcakes and 13 brownies for dessert at the party. Only 15 desserts were eaten. How many desserts were left over?
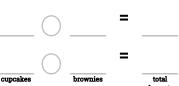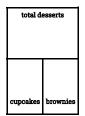
   Plan: Which equation matches the problem?

   | | + | | - | | = | |

   A

   | | - | | - | | = | |

   B

   | | + | | + | | = | |

   C

   Solve the equation:

   Step 1:

   ____ ◯ ____ = ____
   ____ ◯ ____ = ____

   cupcakes — brownies — total desserts

total desserts	
cupcakes	brownies

   Step 2:

   ____ ◯ ____ = ____
   ____ ◯ ____ = ____

   total desserts — desserts eaten — desserts leftover

total desserts	
desserts eaten	desserts leftover

   There were _____ desserts left over.

Student Practice

Directions: Read and solve.

1. <u>Read the problem</u>: Chris had $43 in his piggy bank. He used $32 to buy baseball cards. He then earned $15 to add to his bank. How much money is in his piggy bank now?

   <u>Plan</u>: Which equation matches the problem?

□ + □ - □ = □	□ - □ - □ = □	□ - □ + □ = □
A	B	C

   <u>Solve the equation</u>:

   Step 1:

   ___ ○ ___ = ___

   ___ ○ ___ = ___

   total money   money spent   money left

total money	
money spent	money left

   Step 2:

   ___ ○ ___ = ___

   ___ ○ ___ = ___

   money left   money added   money in bank

money in bank	
money left	money added

   There is $_____ in the piggy bank now.

2. <u>Read the problem</u>: Dad bought 100 tickets for the carnival. 85 tickets were used on rides and games. Then Dad bought 25 tickets to use for food. He spent all the tickets on food. How many tickets were used for food?

   <u>Plan</u>: Which equation matches the problem?

□ + □ - □ = □	□ - □ - □ = □	□ - □ + □ = □
A	B	C

   <u>Solve the equation</u>:

   Step 1:

   ___ ○ ___ = ___

   ___ ○ ___ = ___

   tickets bought   tickets used   remaining tickets

tickets bought	
tickets used	remaining tickets

   Step 2:

   ___ ○ ___ = ___

   ___ ○ ___ = ___

   remaining tickets   more tickets   tickets spent

tickets spent	
remaining tickets	more tickets

   _____ tickets were used for foo.

Directions: Read and solve.

1. Jarrett had 65 cents. He found 23 cents in the sofa cushions. Then he bought a bag of chips for 62 cents. How much money does Jarrett have now?

2. Stephanie collected 214 stickers in January. In February, she was given 134 more stickers. Then she gave her best friend some stickers to put in her book. Stephanie now has 125 stickers. How many stickers did she give her best friend?

Directions: Read and solve.

3. Shane earned 347 tickets at the arcade last week. This week he earned 92 tickets. If he uses 125 tickets to buy a stuffed animal, how many tickets will he have left?

4. Cody won $200 in the church raffle. He bought a watch for $28 and several books for $54. How much money does he have left?

Directions: Read and solve.

5. Natalie traveled a total of 20 miles to her best friend's house. First she drove 8 miles to the gas station. Then she drove 6 miles to the market to get some snacks. How much further did she travel to her friend's house?

6. Joni had 136 stickers. She used 42 stickers to decorate her notebook and gave some to her best friend. Joni has 51 stickers left. How many did she give her best friend?

Directions: Read and solve.

7. Jason has been saving his money to buy a new skateboard. He saved $55.00 last month, and saved $32.00 this month. The skateboard he wants costs $110.00. How much more money does he need to buy the skateboard?

8. Julie needs 75 cookies for her birthday party. She has 25 chocolate chip cookies and 26 oatmeal cookies. How many more cookies does she need?

Model

Steps:
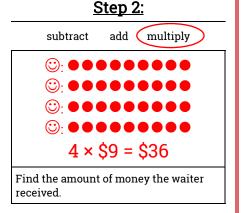
1. Read and understand the problem.
2. Plan the steps to solve.
3. Solve to find the answer.

A waiter had ⑨ customers. Of those customers, ⑤ didn't leave the waiter a tip. The remaining customers each left the waiter a ⑨ tip. How much money did the waiter receive?

Step 1:

~~subtract~~   add   multiply

$9 - 5 = 4$

Find the total number of customers who left a tip.

Step 2:

subtract   add   ~~multiply~~

$4 \times \$9 = \$36$

Find the amount of money the waiter received.

The waiter received __$36__ in tips.

Structured Guided Practice

Directions: Read and solve.

1. 10 cars needed to be cleaned. It takes 2 hours to clean a car. After 6 cars are cleaned, how long will it take to finish the remaining cars?

Step 1:

subtract   add   multiply

Find the number of cars that still need to be cleaned.

Step 2:

subtract   add   multiply

Find the amount of time to clean the cars.

It will take _____ hours to clean the cars.

2. The box had 12 cinnamon rolls. All but 4 cinnamon rolls were sold for $3. How much money was collected?

Step 1:

subtract   add   multiply

Find how many cinnamon rolls were sold.

Step 2:

subtract   add   multiply

Find the amount of money collected.

$_____ was collected.

Student Practice

Directions: Read and solve.

1. Math homework for the week is 12 pages. 3 of the pages are extra credit. If each page has 6 problems, how many problems need to be completed without extra credit?

   _____ problems need to be completed.

Step 1:	Step 2:
subtract add multiply	subtract add multiply
Find how many pages need to be completed.	Find the total number of problems to be completed.

2. Henry collected 15 fresh eggs. He cracked 4 of them and sold the rest for $2 each. How much money did Henry collect?

   Henry collected $_____ .

Step 1:	Step 2:
subtract add multiply	subtract add multiply
Find the number of eggs Henry sold.	Find the amount of money Henry collected.

3. Dad grilled 17 burgers. He put 9 of the burgers in the refrigerators to save for another time. He placed 4 pickle slices on each remaining burger. How many pickles slices did Dad use?

   Dad used _____ pickle slices.

Step 1:	Step 2:
subtract add multiply	subtract add multiply
Find the number of remaining burgers.	Find the number of pickle slices Dad used.

Directions: Read and solve each word problem.

1. Dean bought 5 boxes of chocolates and 3 boxes of caramels. If each box has 8 pieces of candy inside, how much candy did he have in all?

2. Jon and Sean went to the store to buy packs of baseball cards. Each pack of baseball cards cost $2. How much did they spend if Jon bought 3 packs of cards and Sean bought 5 packs of cards?

Directions: Read and solve each word problem.

3. Shellie was selling hair ribbons for $5 each. If Shellie started with 10 ribbons and only had 2 left to sell, how much money did she earn?

4. Kyle bought 6 hot dogs and 4 hamburgers at the baseball game. Hamburgers and hot dogs cost $3 each. How much did Kyle spend?

Directions: Read and solve each word problem.

5. Denise is microwaving 10 bags of popcorn. Each bag takes 3 minutes to pop. So far she has popped 4 of the bags. How long will it take for her to pop the rest of the popcorn?

6. There were 2 friends playing video games. Then, 3 more friends joined them. Each friend had 7 lives in the video game. How many lives did they have altogether?

Directions: Read and solve each word problem.

7. Steve went to the carnival. He rode the rollercoaster 3 times and the ferris wheel 4 times. If each ride costs 6 tickets, how many tickets did he use?

8. Luke and his wife, Shirley, took their 4 kids to dinner. If each meal cost $4, how much was the total bill?

Name: _____

Date: _____

Model

Addition and Subtraction Patterns

Rule:

Answers

		Even	Odd
+	**SUM**	odd + odd 5 + 3 = 8 even + even 4 + 2 = 6	odd + even 4 + 3 = 7 even + odd 6 + 3 = 9
−	**DIFFERENCE**	odd - odd 9 - 5 = 4 even - even 4 - 2 = 2	odd - even 9 - 4 = 5 even - odd 8 - 5 = 3

Will the <u>sum</u> be even or odd?

17 + 5

even
_____

Will the <u>difference</u> be even or odd?

17 - 6

odd
_____

Structured Guided Practice

Directions: Read and solve.

1. Will the sum be even or odd?

19 + 3

_____

2. Will the sum be even or odd?

23 + 6

_____

3. Will the difference be even or odd?

22 - 5

_____

4. Will the difference be even or odd?

18 - 8

_____

Student Practice

Directions: Read and solve.

1. Will the sum be even or odd?

$$44 + 16$$

_____

2. Will the difference be even or odd?

$$52 - 11$$

_____

3. Will the difference be even or odd?

$$45 - 37$$

_____

4. Will the sum be even or odd?

$$33 + 15$$

_____

5. Will the sum be even or odd?

$$35 + 12$$

_____

6. Will the difference be even or odd?

$$39 - 23$$

_____

Name: _____

Date: _____

Model

Addition and Subtraction Patterns

Use yellow to highlight the numbers.

15, 35, 55, 75

What number comes next in the pattern? **95** _____

Explain how you know.

If you move down 2 tens from each number, you reach the next number in the pattern.

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

Structured Guided Practice

Directions: Read and solve. Use yellow to highlight the numbers.

1.   65, 56, 47, 38, 29

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

What number comes next in the pattern? _____

Explain how you know.

_____

_____

_____

_____

Student Practice

Directions: Read and solve. Use yellow to highlight the numbers.

---

1.   1, 12, 23, 34, 45

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

What number comes next in the pattern? _____

Explain how you know.

_____

_____

_____

_____

---

2.   33, 43, 53, 63, 73

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

What number comes next in the pattern? _____

Explain how you know.

_____

_____

_____

_____

Student Practice

Directions: Read and solve. Use yellow to highlight the numbers.

3.　　　　　89, 81, 73, 65, 57

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

What number comes next in the pattern? _____

Explain how you know.

_____

_____

_____

_____

4.　　　　　12, 17, 22, 27, 32

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

What number comes next in the pattern? _____

Explain how you know.

_____

_____

_____

_____

Student Practice

Directions: Read and solve. Use yellow to highlight the numbers.

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5.   16, 28, 40, 52, 64

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

What number comes next in the pattern? _____

Explain how you know.

_____

_____

_____

_____

---

6.   57, 52, 47, 42, 37

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

What number comes next in the pattern? _____

Explain how you know.

_____

_____

_____

_____

Name: _____

Date: _____

Directions: Use the hundreds chart provided to solve the following problems.

1. What are the missing numbers in the pattern?

   32, 35, 38, ____, ____, 47, 50

   Rule: _____

2. What numbers come next in the pattern?

   72, 66, 60, 54, ____, ____, ____

   Rule: _____

3. What numbers come next in the pattern?

   89, 80, 71, 62, ____, ____, ____

   Rule: _____

4. When subtracting 79 – 32, should your answer be odd or even? Explain your reasoning.

Directions: Use the hundreds chart provided to solve the following problems.

5. When subtracting 39 − 15, should your answer be odd or even? Explain your reasoning.

6. What numbers come next in the pattern?

   22, 34, 46, 58, ____, ____, ____

   Rule: _____

7. What are the missing numbers in the pattern?

   52, 58, 64, ____, ____

   Rule: _____

8. When adding 784 + 322, should your answer be odd or even? Explain your reasoning.

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

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Model

Patterns: Find a Rule (multiply or divide)

Input	Output
3	**12**
10	**40**
4	**16**

Rule: × 4

Input	Output
12	**3**
40	**10**
16	**4**

Rule: ÷ 4

Structured Guided Practice

Directions: Complete the table.

1. Rule: ×3

Input	Output
5	
7	
9	
11	

2. Rule: ÷2

Input	Output
20	
16	
12	
8	

3. Rule: ×2

Input	Output
11	
9	
7	
5	

4. Rule: ÷3

Input	Output
15	
9	
6	
3	

Student Practice

Directions: Complete the table.

1. **Rule: ×10**

Input	Output
4	
5	
6	
7	

2. **Rule: ÷6**

Input	Output
12	
24	
18	
36	

3. **Rule: ×5**

Input	Output
11	
4	
7	
3	

4. **Rule: ÷5**

Input	Output
45	
20	
55	
10	

5. **Rule: ×4**

Input	Output
9	
5	
8	
10	

6. **Rule: ÷4**

Input	Output
36	
12	
20	
8	

Extra Practice
Unit 8 Lessons 6-7: Find Patterns Using Input and Output Tables

Name: _____

Date: _____

Directions: Find the rule or complete the table.

1.

Input	Output
4	12
6	18
9	27

Rule: _____

2.

Input	Output
15	
30	6
45	

Rule: ÷ 5

3.

Input	Output
54	6
36	4
72	8

Rule: _____

4.

Input	Output
8	
3	12
9	

Rule: × 4

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Directions: Find the rule or complete the table.

5.

Input	Output
12	
27	9
9	

Rule: ÷ 3

6.

Input	Output
16	2
56	7
64	8

Rule: _____

7. Yahaira thinks the rule is to multiply by 5. What mistake did Yahaira make?

Input	Output
25	5
45	9
15	3

Rule: _____

8.

Input	Output
7	14
20	
50	

Rule: × 2

Name_____ **Date**_____

$6\overline{)36}$ $9\overline{)54}$ $8\overline{)72}$ $5\overline{)35}$ $7\overline{)35}$ $7\overline{)7}$ $2\overline{)10}$ $9\overline{)81}$ $5\overline{)25}$ $6\overline{)36}$

$4\overline{)20}$ $2\overline{)6}$ $4\overline{)8}$ $2\overline{)2}$ $5\overline{)45}$ $6\overline{)42}$ $7\overline{)28}$ $9\overline{)63}$ $6\overline{)48}$ $6\overline{)12}$

$5\overline{)10}$ $9\overline{)18}$ $2\overline{)8}$ $8\overline{)64}$ $2\overline{)12}$ $3\overline{)12}$ $6\overline{)54}$ $9\overline{)72}$ $2\overline{)16}$ $7\overline{)49}$

$8\overline{)8}$ $7\overline{)21}$ $3\overline{)27}$ $6\overline{)18}$ $1\overline{)8}$ $2\overline{)6}$ $4\overline{)24}$ $5\overline{)15}$ $2\overline{)14}$ $9\overline{)9}$

$3\overline{)24}$ $4\overline{)32}$ $6\overline{)6}$ $9\overline{)45}$ $6\overline{)30}$ $8\overline{)32}$ $7\overline{)14}$ $4\overline{)36}$ $7\overline{)63}$ $4\overline{)12}$

$5\overline{)20}$ $8\overline{)24}$ $4\overline{)16}$ $3\overline{)18}$ $5\overline{)40}$ $2\overline{)18}$ $8\overline{)16}$ $7\overline{)42}$ $3\overline{)12}$ $8\overline{)48}$

$6\overline{)42}$ $5\overline{)45}$ $2\overline{)2}$ $4\overline{)8}$ $2\overline{)6}$ $4\overline{)20}$ $6\overline{)12}$ $6\overline{)48}$ $9\overline{)63}$ $7\overline{)28}$

Name_____ **Date**_____

4	5	7	2	6	3	7	5	2	6
×2	×2	×3	×6	×2	×4	×9	×0	×9	×4

9	7	5	3	4	6	7	4	9	5
×8	×6	×5	×7	×8	×7	×7	×9	×3	×3

8	4	7	5	2	9	2	6	5	3
×7	×3	×2	×8	×3	×4	×5	×5	×4	×9

7	8	9	7	4	6	4	4	6	3
×1	×9	×1	×5	×4	×6	×6	×5	×8	×8

2	9	7	3	3	8	8	8	6	9
×2	×5	×4	×5	×6	×8	×5	×3	×9	×7

9	5	6	2	7	9	8	3	4	8
×6	×6	×3	×1	×8	×2	×4	×2	×7	×2

8	4	3	2	2	2	9	5	5	3
×6	×1	×1	×7	×8	×4	×9	×9	×7	×3

Name_____ **Date**_____

3)24	4)32	6)6	9)45	6)30	8)32	7)14	4)36	7)63	4)12
8)8	7)21	3)27	6)18	1)8	2)6	4)24	5)15	2)14	9)9
5)20	8)24	4)16	3)18	5)40	2)18	8)16	7)42	3)12	8)48
6)42	5)45	2)2	4)8	2)6	4)20	6)12	6)48	9)63	7)28
6)36	9)54	8)72	5)35	7)35	7)7	2)10	9)81	5)25	6)36
4)20	2)6	4)8	2)2	5)45	6)42	7)28	9)63	6)48	6)12
5)10	9)18	2)8	8)64	2)12	3)12	6)54	9)72	2)16	7)49

Name_____ **Date**_____

8 × 7	4 × 3	7 × 2	5 × 8	2 × 3	9 × 4	2 × 5	6 × 5	5 × 4	3 × 9
8 × 6	4 × 1	3 × 1	2 × 7	2 × 8	2 × 4	9 × 9	5 × 9	5 × 7	3 × 3
2 × 2	9 × 5	7 × 4	3 × 5	3 × 6	8 × 8	8 × 5	8 × 3	6 × 9	9 × 7
9 × 6	5 × 6	6 × 3	2 × 1	7 × 8	9 × 2	8 × 4	3 × 2	4 × 7	8 ×2
9 ×8	7 × 6	5 × 5	3 × 7	4 × 8	6 × 7	7 × 7	4 × 9	9 × 3	5 × 3
4 × 2	5 × 2	7 × 3	2 × 6	6 × 2	3 × 4	7 × 9	5 × 0	2 × 9	6 × 4
7 × 1	8 × 9	9 × 1	7 × 5	4 × 4	6 × 6	4 × 6	4 × 5	6 × 8	3 × 8