

Let's Do

# MATHEMATICS

*Grade 3 Gamebook*





# Let's Do MATHEMATICS

## Grade 3 Gamebook

Name: \_\_\_\_\_

Class: \_\_\_\_\_



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10 Pienza, Irvine,  
CA 92606, United States  
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## **Let`s Do Mathematics Gamebook Grade 3**

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*Maryia Chautayeva*

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**Gamebook** is a supplementary material to be used in the classroom and at home to diversify the learning routine, provide students with engaging materials that would help them to improve not only their academic, but also cognitive and social skills.

Games offered in this book allow children to use their creativity while:

- ✓ developing dexterity,
- ✓ training memory and attention span,
- ✓ developing cognitive and emotional strength,
- ✓ learning the importance of teamwork and collaboration,
- ✓ improving cognitive and interpersonal skills.



# Unit 1

Scan the QR to  
watch the video .



Do you know what a  
Place value disk is ?



1. Cut out the place value disks and mats.
2. Cut out the number cards.
3. Put the number cards face down on the desk.
4. Take a number from a pile, using the value disks, recreate the number on the value mat.
5. You can play alone or with your friends. Repeat until you have used all the numebrs.

346

100

10

1

Hundreds	Tens	Ones
100	10	1 1
100	10	1
100	10	1
	10	1
		1

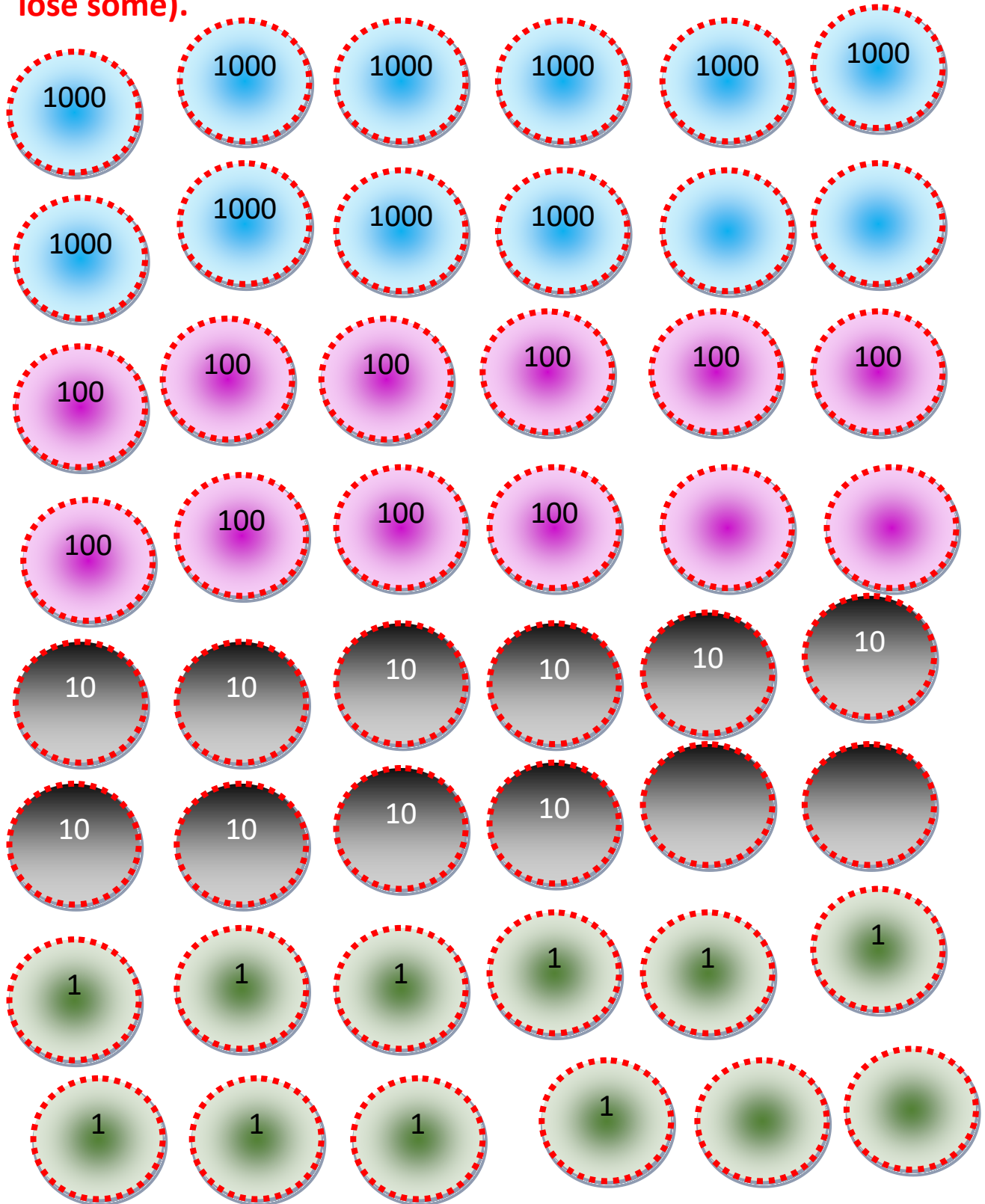
**Cut out the value mat.**

<u>Thousands</u>	<u>Hundreds</u>	<u>Tens</u>	<u>Ones</u>





Cut out the value disks (extra disks are provided in case you lose some).





Cut out the value cards.

1234

2346

2506

5064

2164

2650

4653

3605

3654

2345

6283

9372

8357

8133

9478

6204

2046

9246



Cut out the value cards.

2053

6100

4582

2833

2265

3752

5355

6605

4444

2451

4208

9393

3267

3245

4587

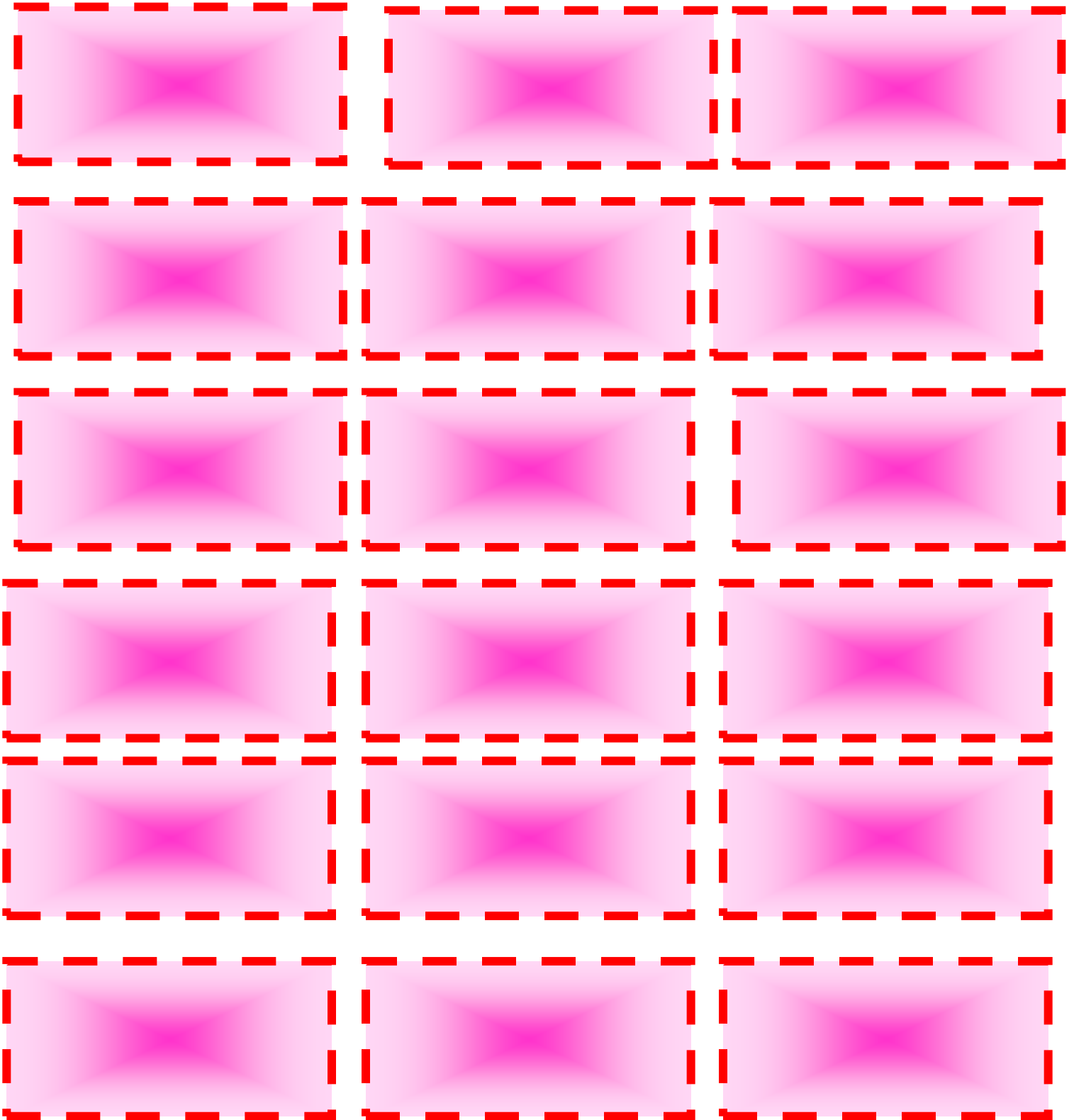
9734

8190

9000



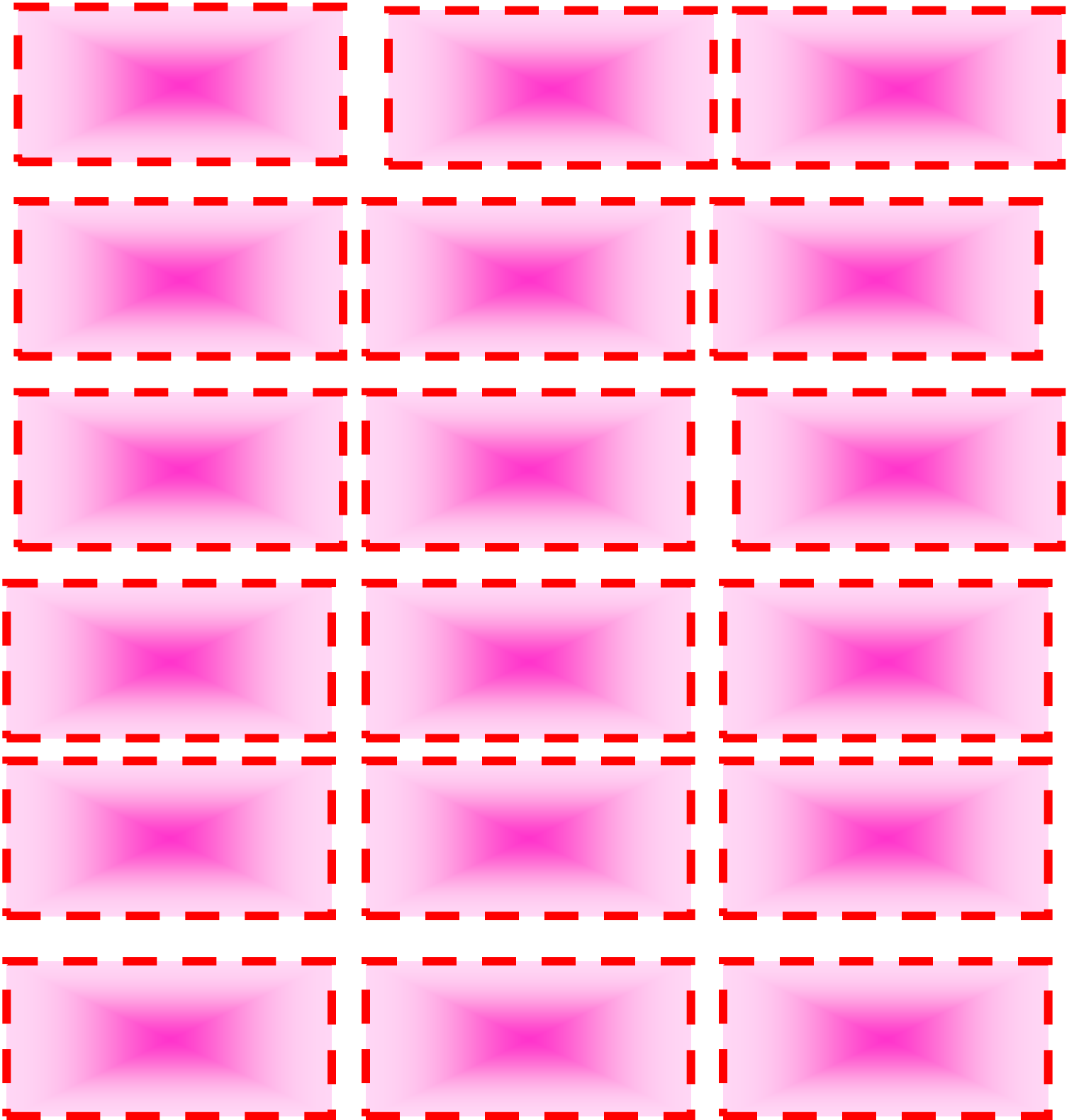
Cut out and create your own value cards.





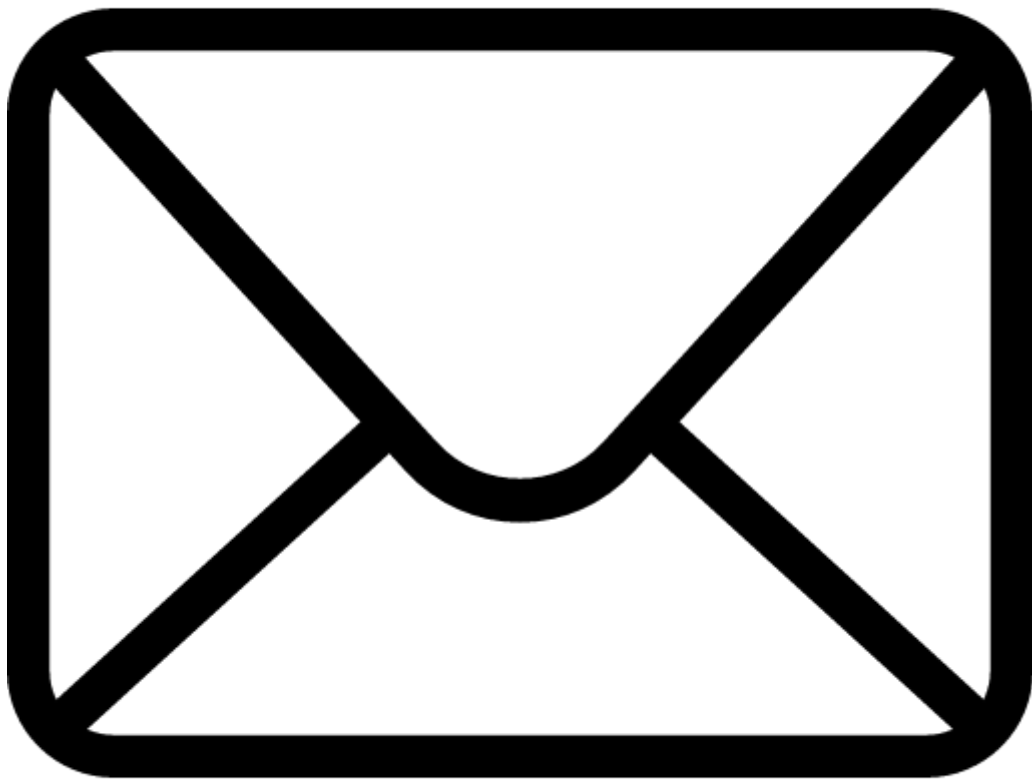


Cut out and create your own value cards.





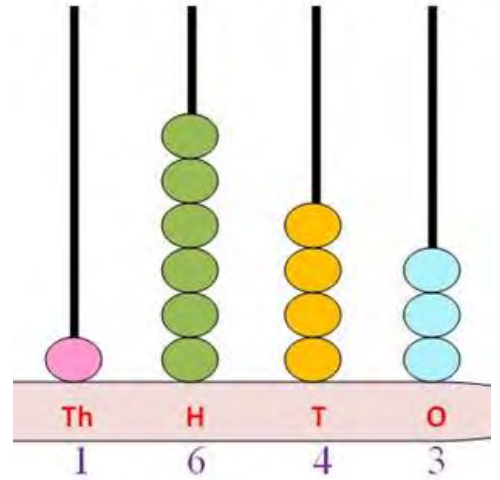
Glue an envelope for the cut-outs and flashcards here.



Let`s make an abacus. Abacus can be vertical and horizontal.

To make a **vertical abacus**, you would need.

1. Any spikes (you can use pencils, pens, straws, or any other spikes you have).
2. Beads, buttons, or cardboard circles of 4 different colors.
3. A stand for the abacus (wide cardboard, plasticine, or any other material).



**Process.**

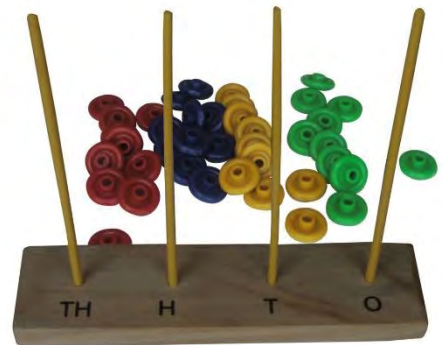
1. Use your stand and insert the spikes in it.
2. Sign the spikes.

TH= thousands

H= hundreds

T= tens

O = ones



3. Put the beads /buttons on the spikes to correspond with the numbers.

Scan the QR-code for more ideas on an abacus.

4. Play with your friends, using the number cards from the previous game.



## How to make a horizontal abacus.



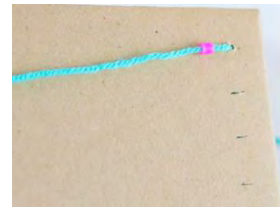
### You need:

- an old box, a plastic tray, or a piece of cardboard,
- scissors,
- some yarn,
- beads or buttons of different colors. If you do not have beads, you can use shoebox cardboard. Cut out small circles and color them.

1. Take an old box, a plastic tray, or a piece of cardboard.



2. Cut small holes on each side of a paper.



3. Thread some yarn up through the hole and add ten beads.



4. When you have 10 beads on each thread, tie the ends up on the other side of a cardboard.

5. You can secure it with glue or with another cardboard piece.



Enjoy your abacus, play with friends. Ask each other to do some addition and subtraction with it.

## Unit 2

*Let's play some addition games.*

*Use an abacus and place value mats from the previous unit.*

1. Cut out some the number cards.
2. Put the number cards face down on the desk. You can add the cards from unit 1 to the pile as well.
3. Take 2 numbers from a pile, using the value disks, recreate the first number on the value mat and add the second number to it.
4. Using an abacus, recreate the first number and add the second one to it.

You can play alone or with your friends. Repeat until you have used all the number cards. Start over.



**Are you up for a little challenge? Try to add 3 or 4 numbers together.**

**Draw (take) 3 or 4 cards from the pile and try to add them with the help of a value mat or an abacus.**

234

2340

334

1234

3204

423

987

678

345

1678

1987

3045

708

3708

5008

3456

2915

1923

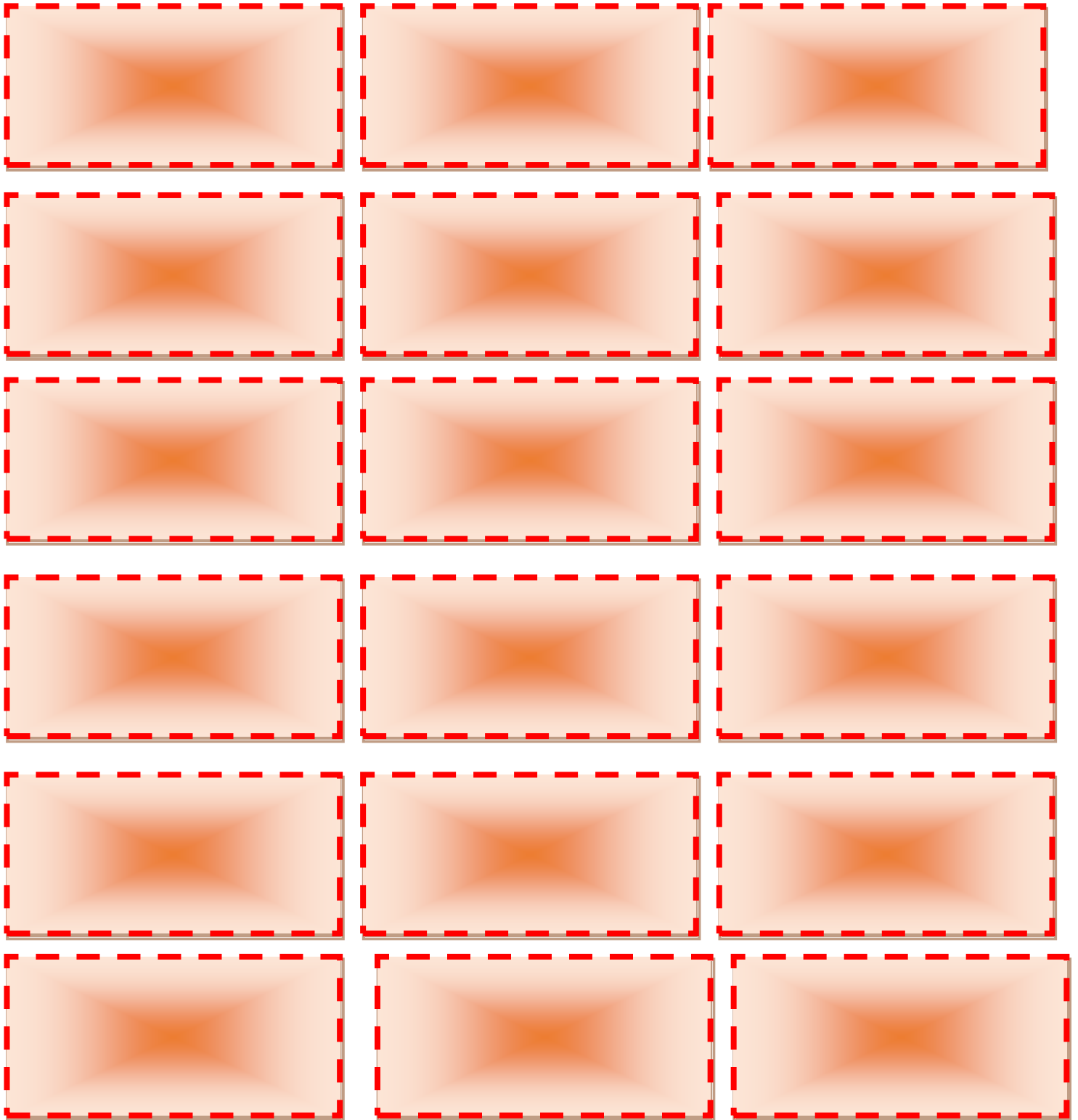








**Create your own value cards.**





**Create your own value cards.**

