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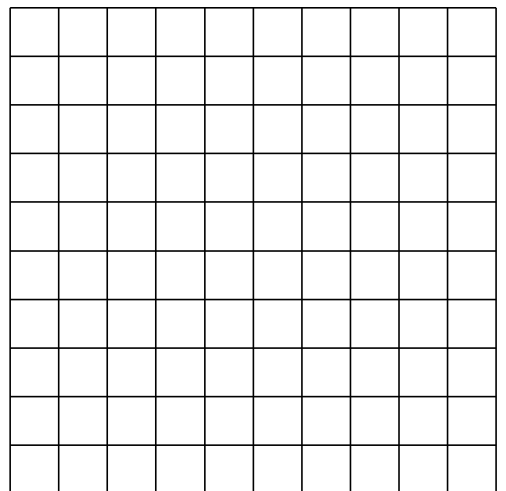
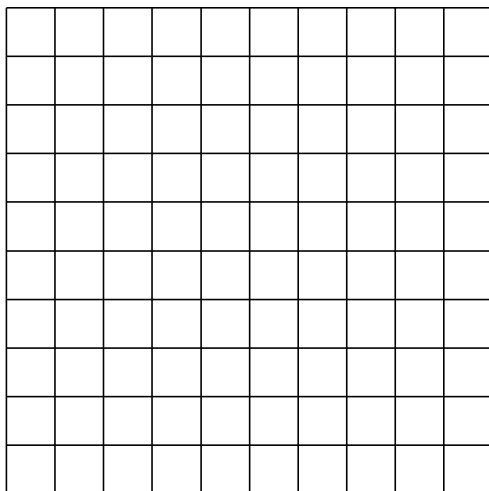
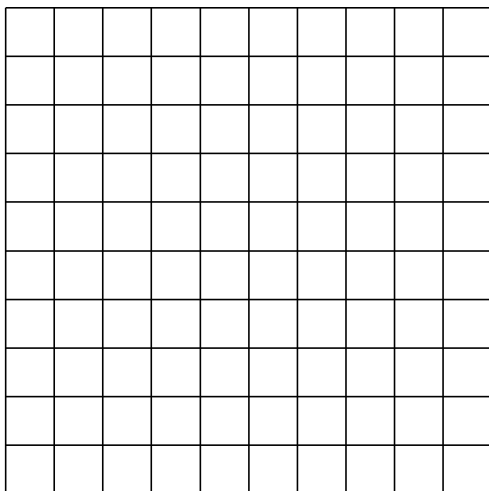
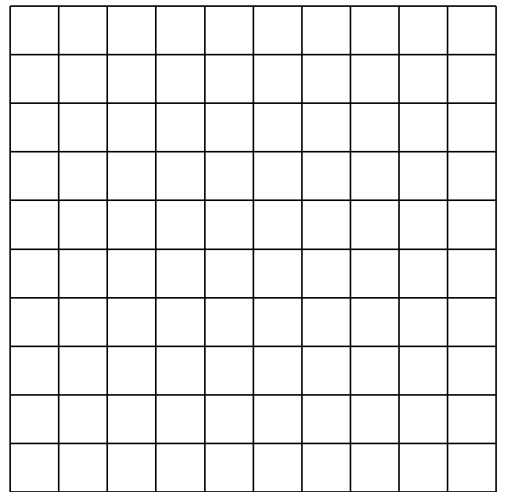
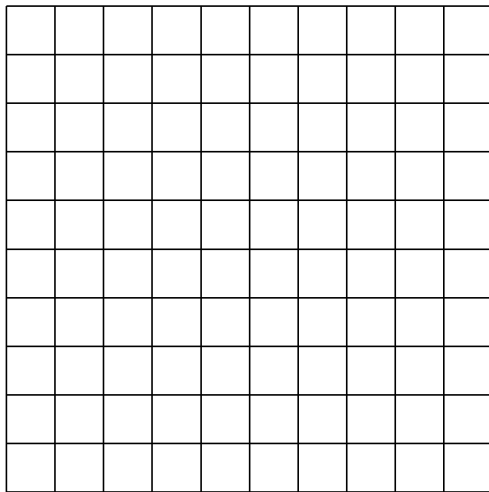
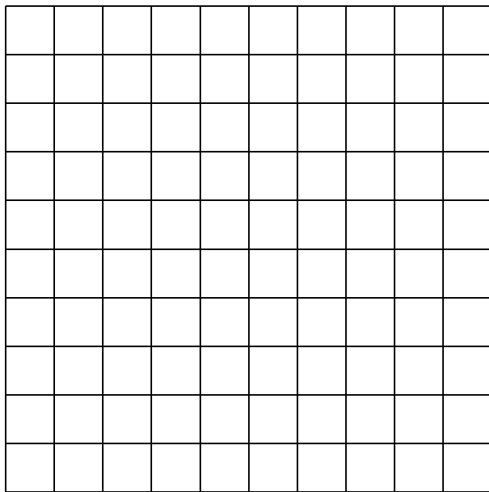
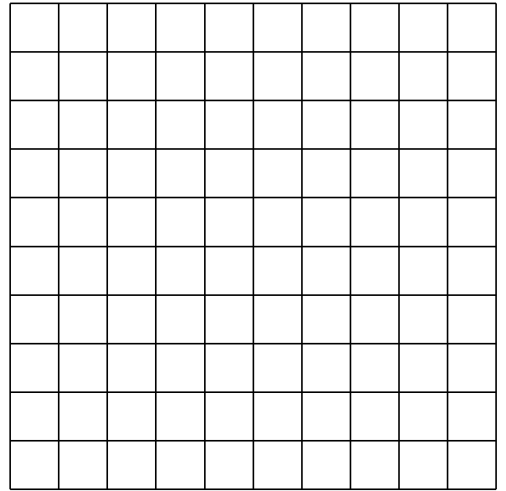
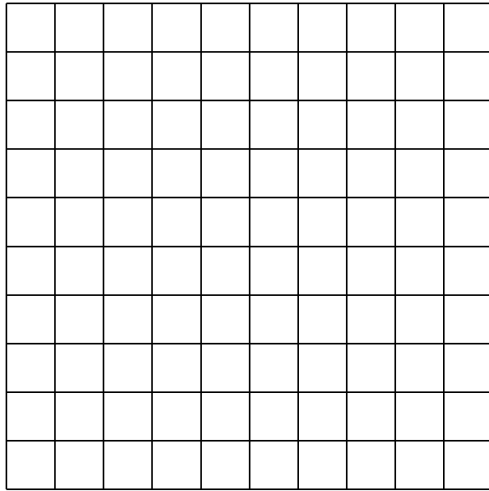
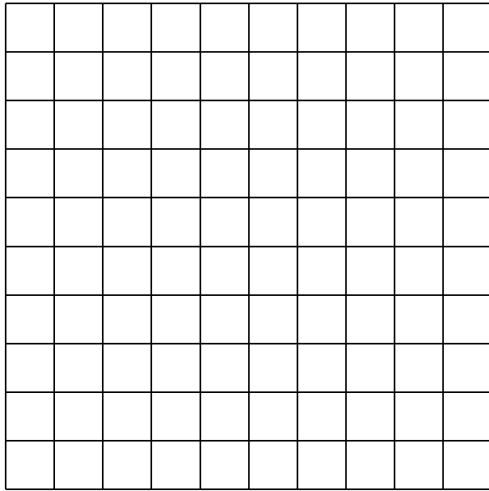
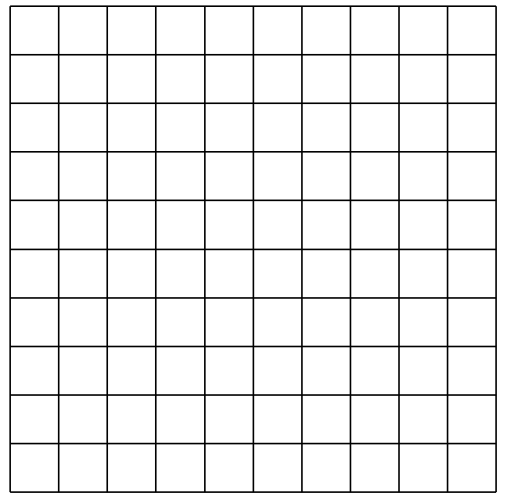
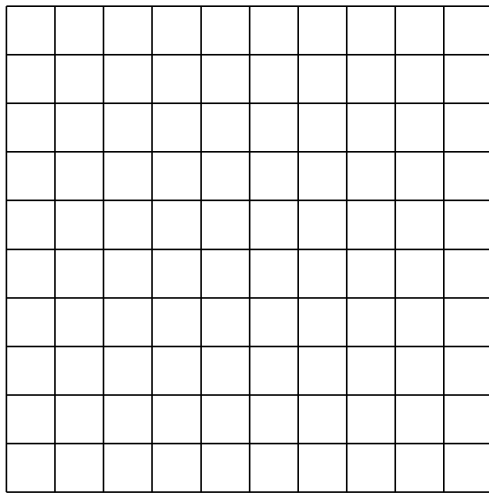
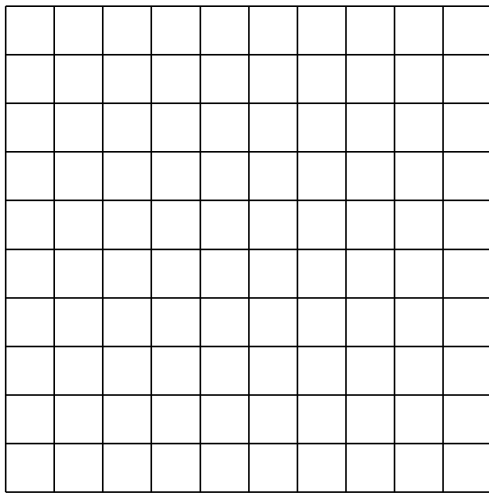
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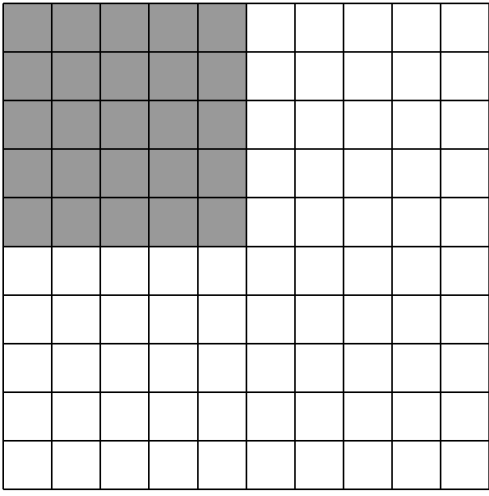
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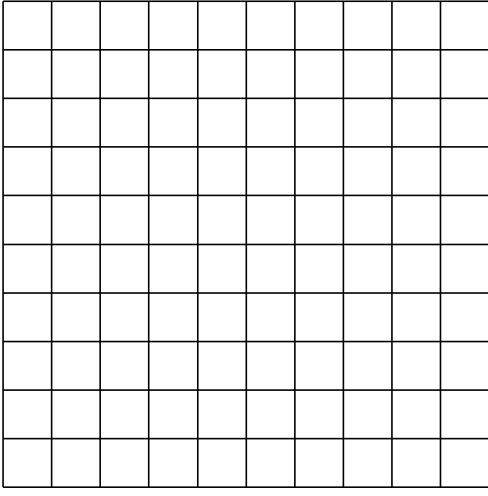
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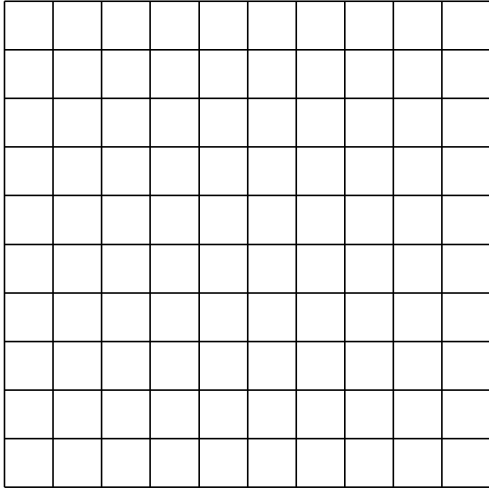




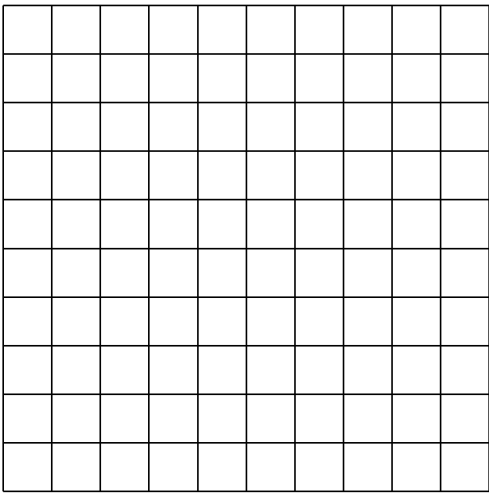
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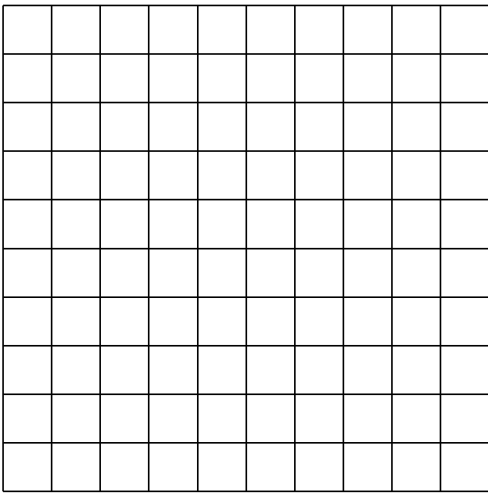
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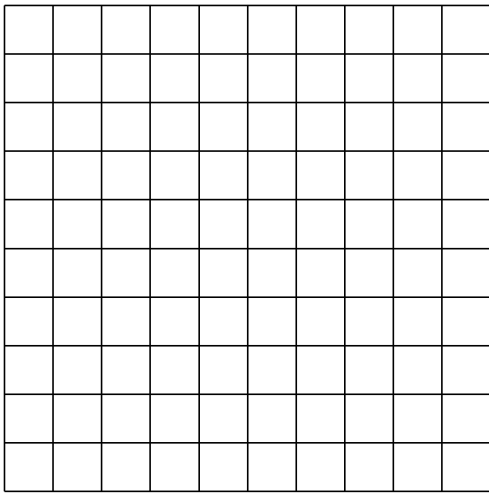
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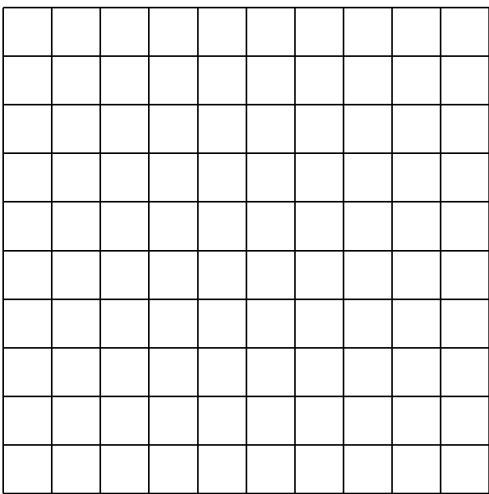
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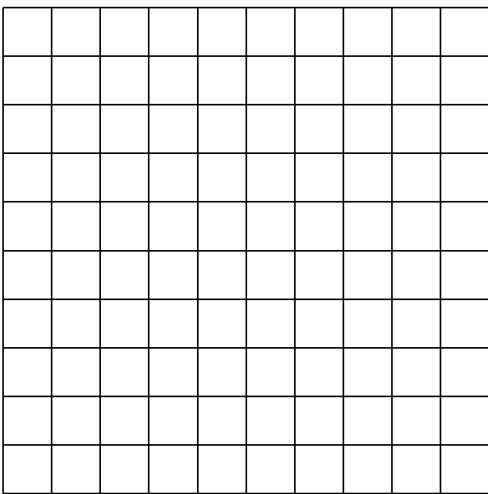
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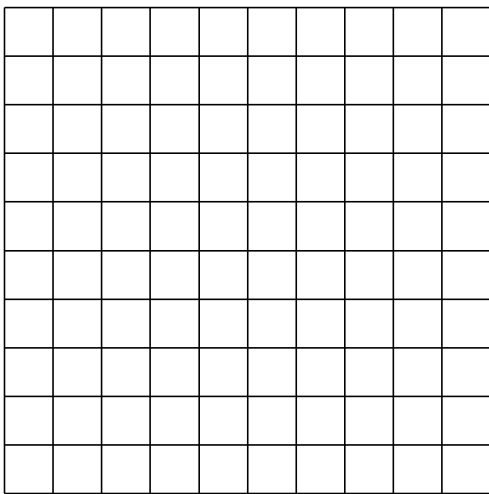
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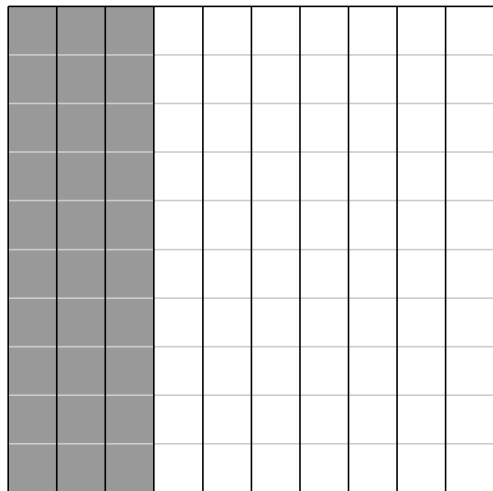
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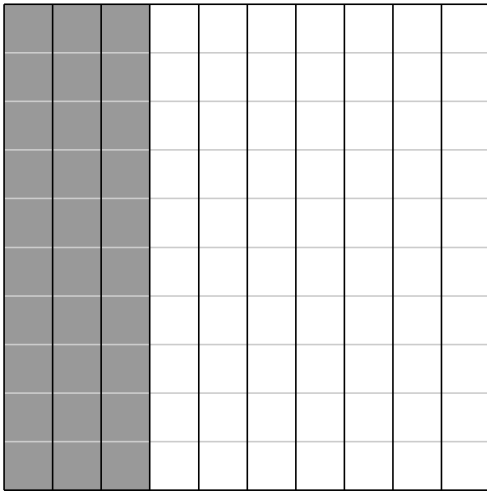
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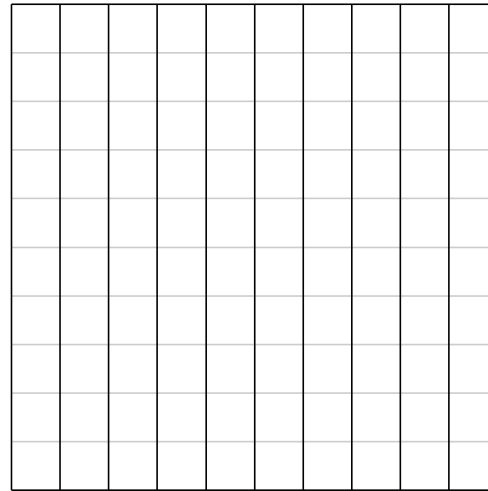
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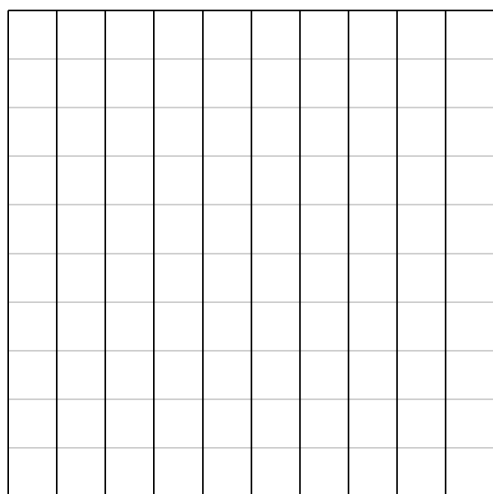
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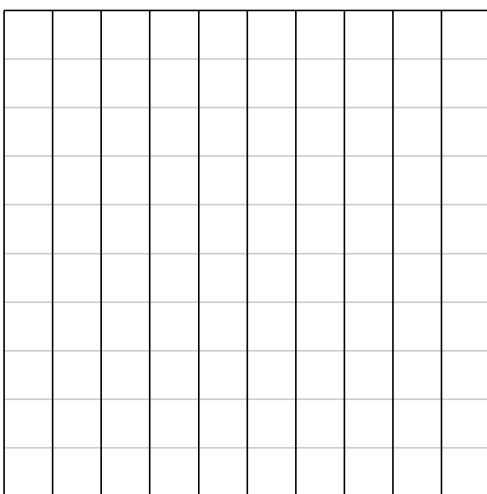
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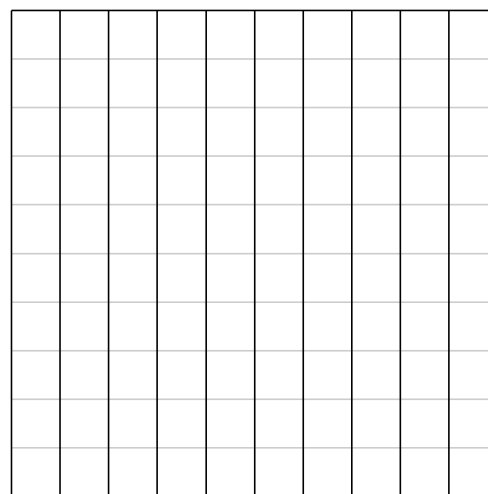
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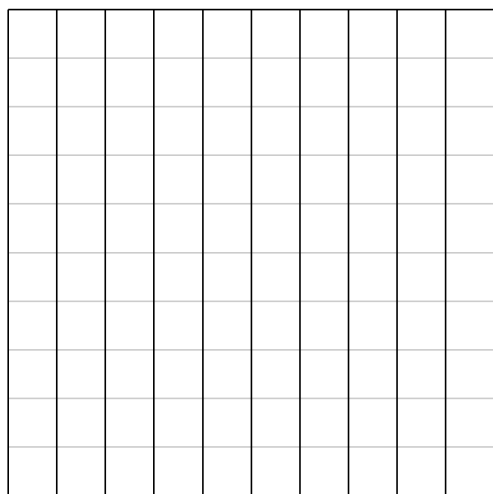
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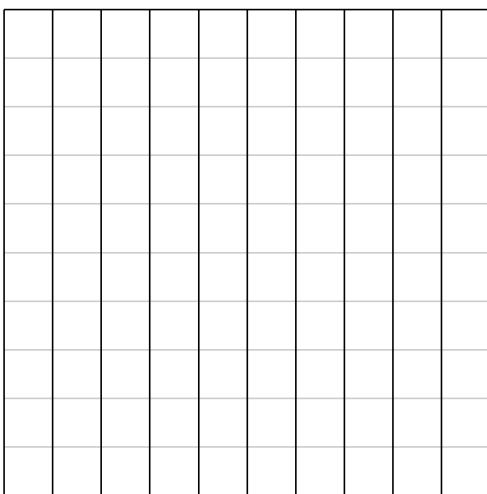
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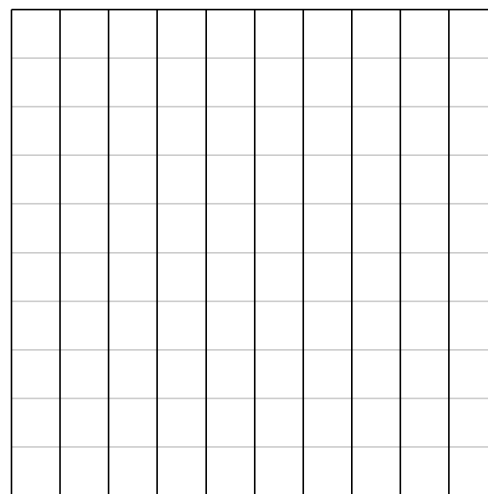
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Fraction	Decimal	Percent
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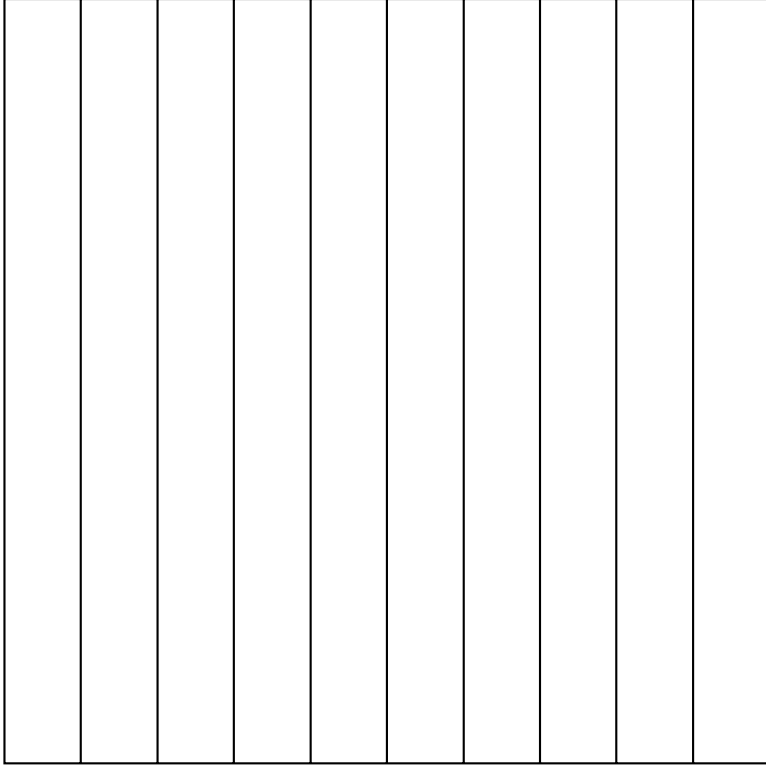
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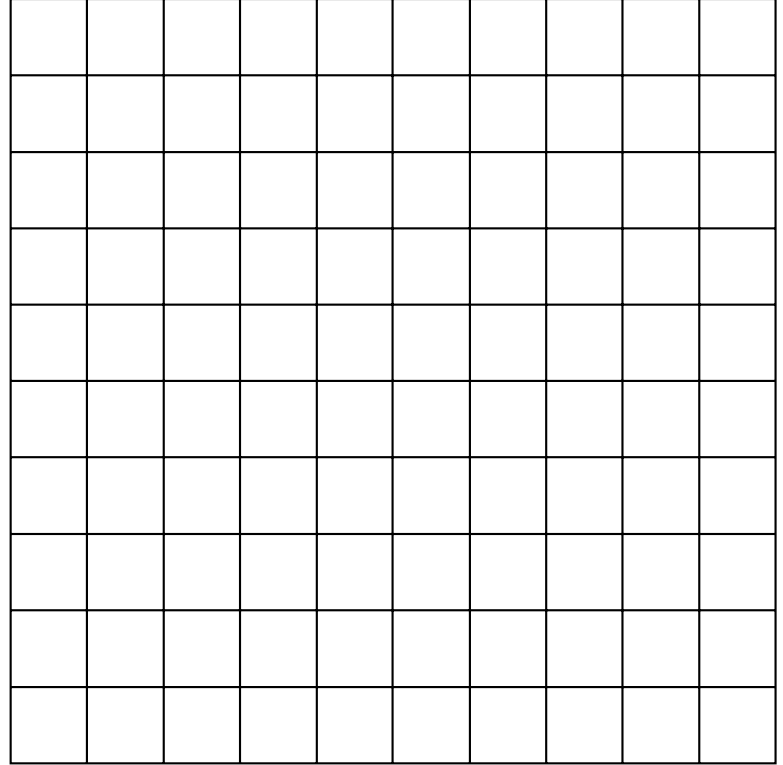
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Decimal Fractions Grids

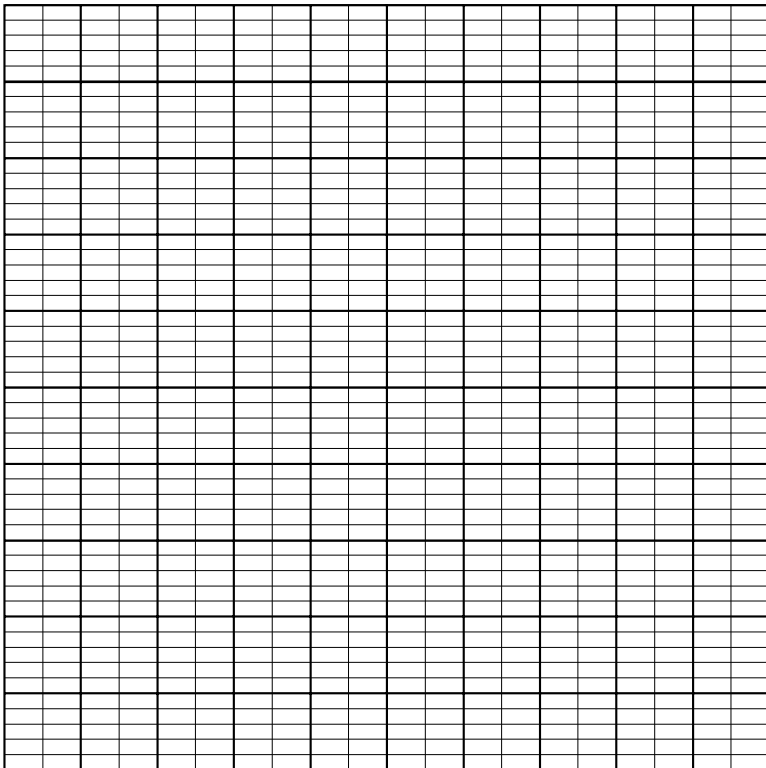
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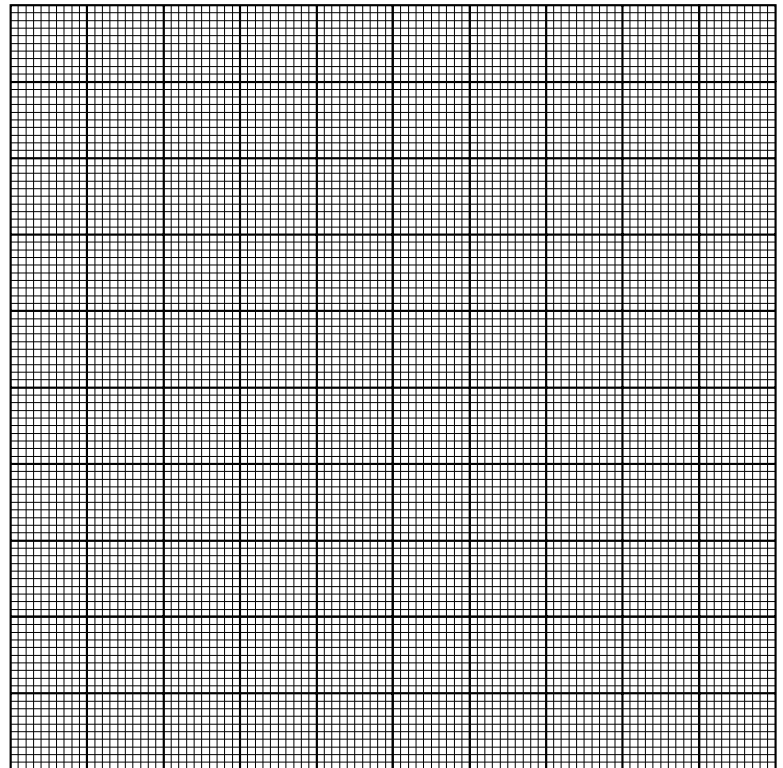
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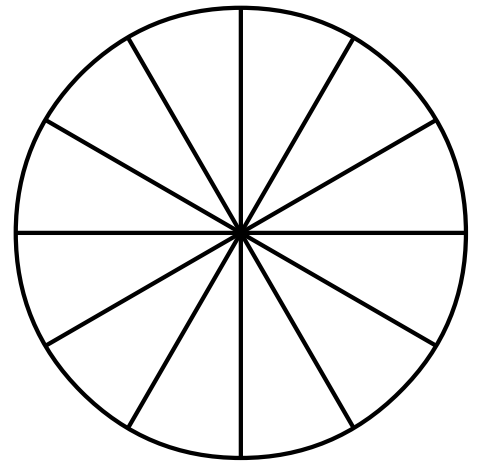
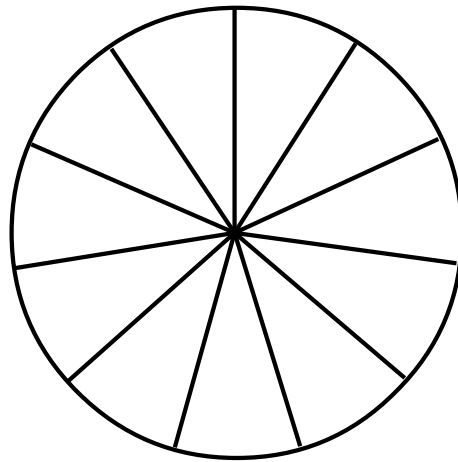
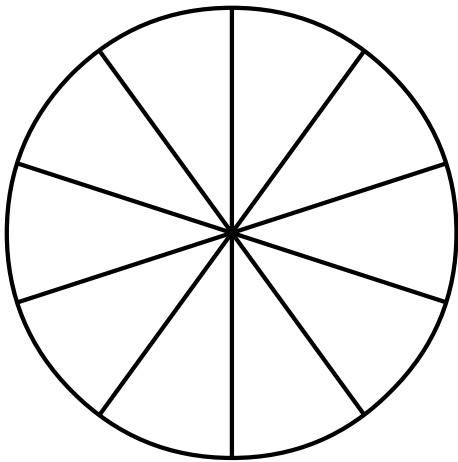
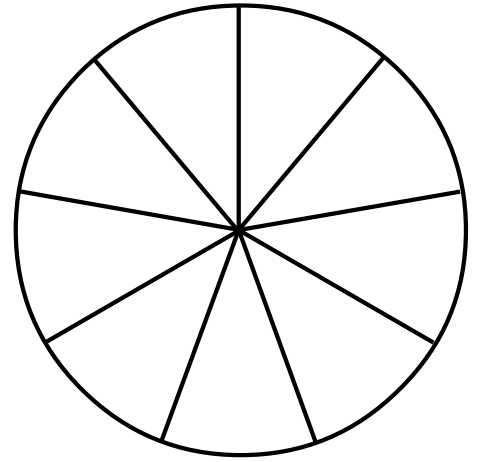
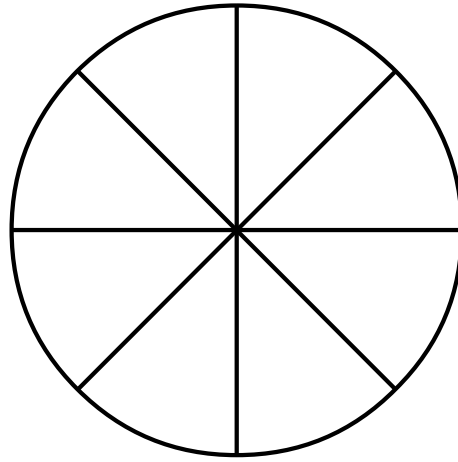
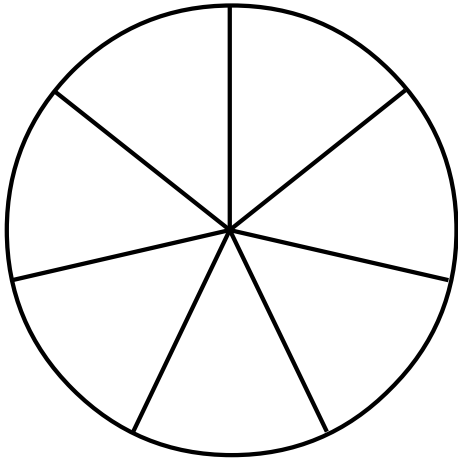
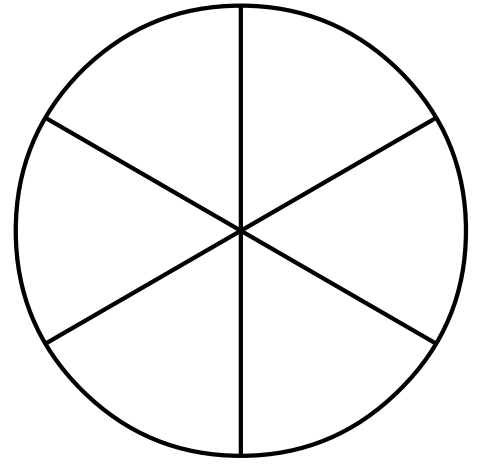
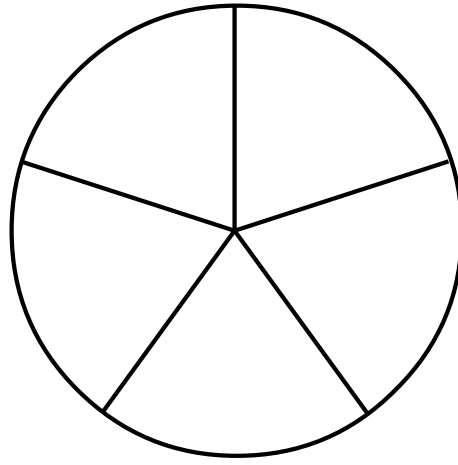
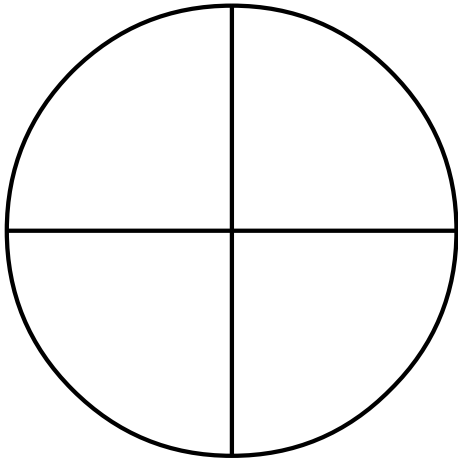
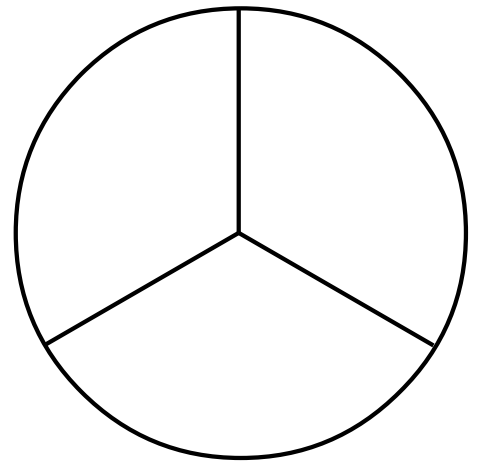
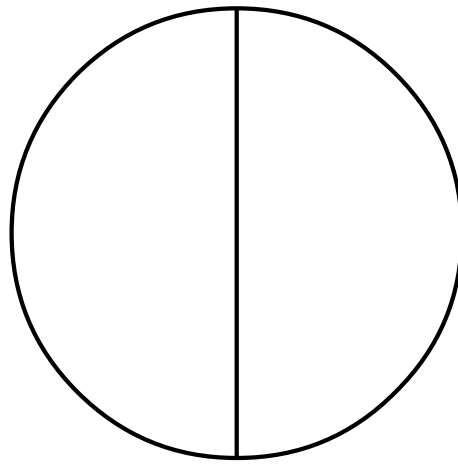
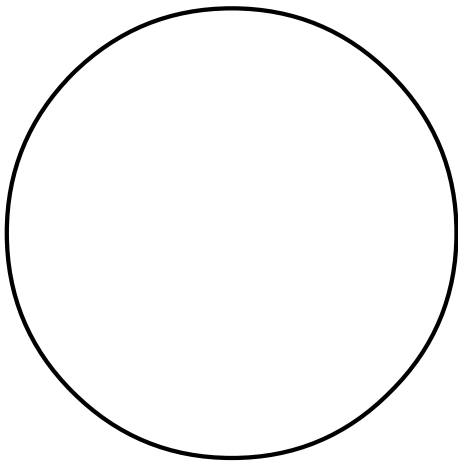
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Ten-thousandths

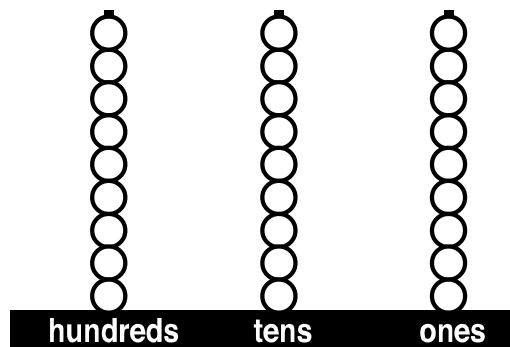


Fraction Circles to Twelfths



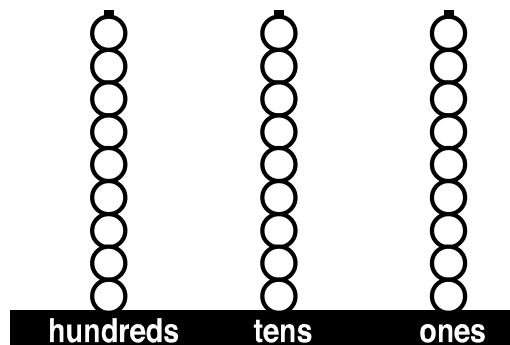
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Hundreds	Tens	Ones



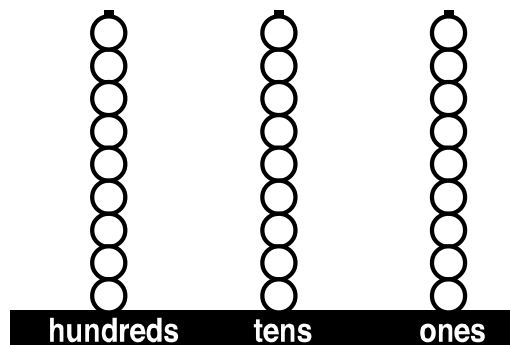
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Hundreds	Tens	Ones



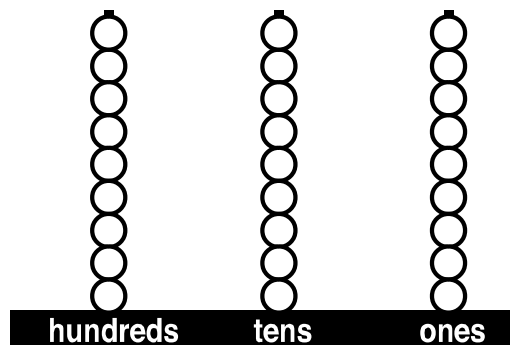
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Hundreds	Tens	Ones



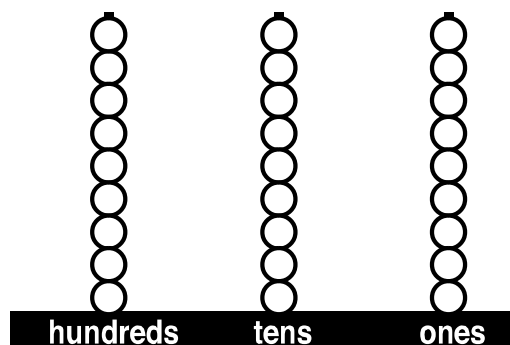
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Hundreds	Tens	Ones



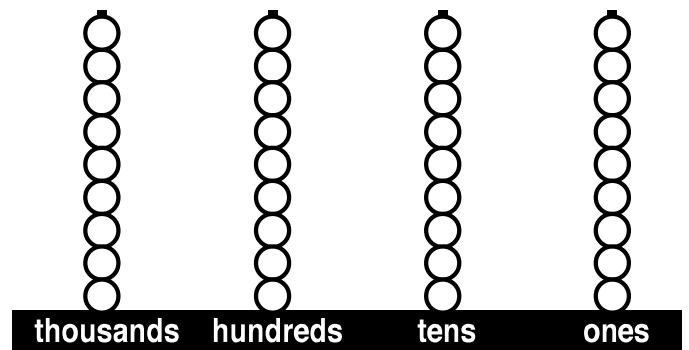
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Hundreds	Tens	Ones



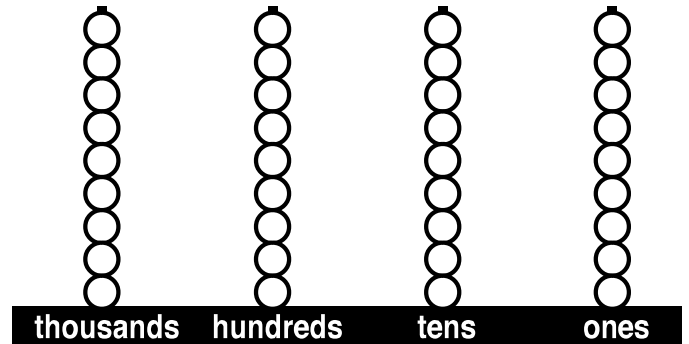
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Thousands	Hundreds	Tens	Ones



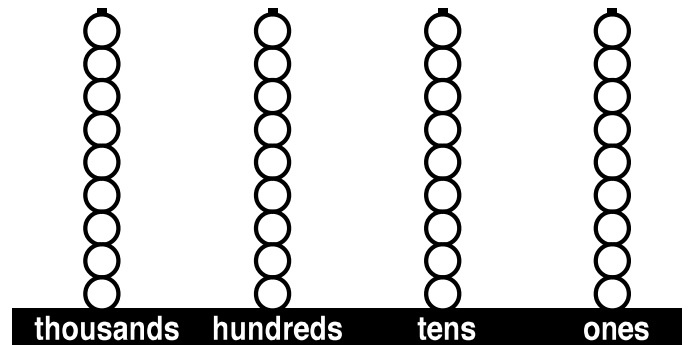
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Thousands	Hundreds	Tens	Ones



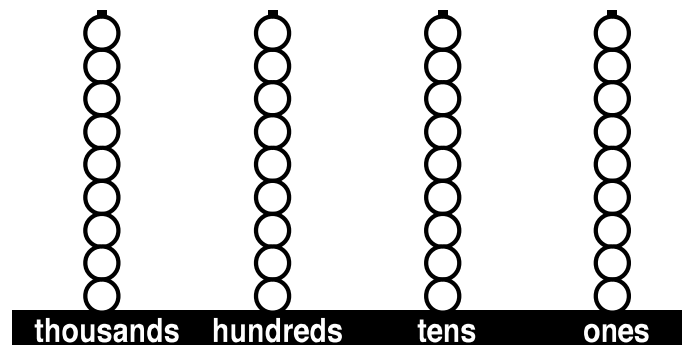
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Thousands	Hundreds	Tens	Ones



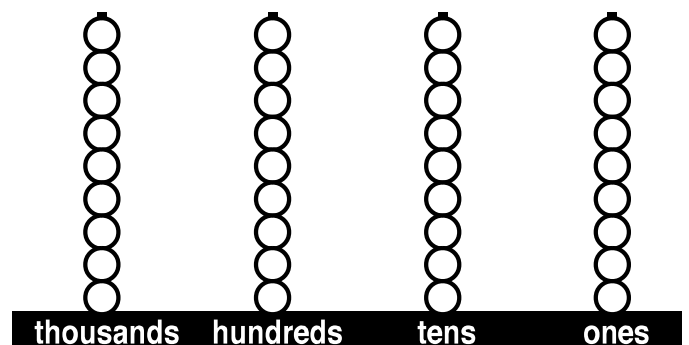
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Thousands	Hundreds	Tens	Ones



Write a number. Colour the abacus to match.

Thousands	Hundreds	Tens	Ones



	Thousands
	Hundreds
	Tens
	Ones
•	Decimal Point
	Tenths
	Hundredths
	Thousandths
	Ten-thousandths

	Thousands
	Hundreds
	Tens
	Ones
•	Decimal Point
	Tenths
	Hundredths
	Thousandths
	Ten-thousandths

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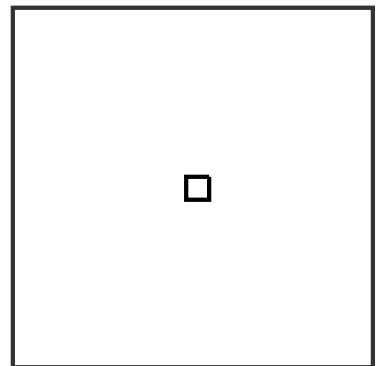
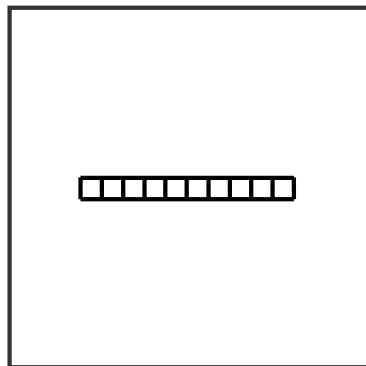
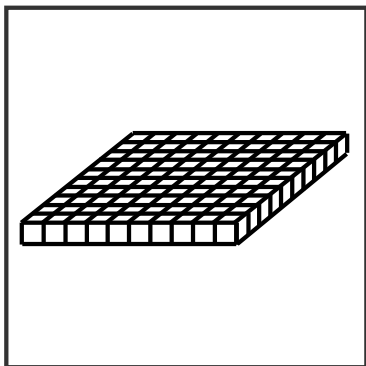
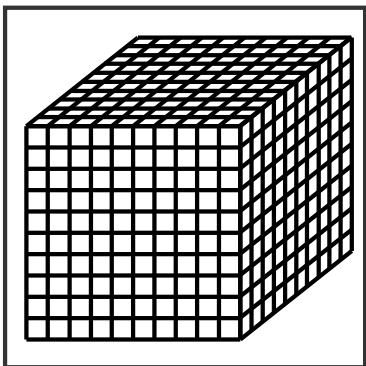
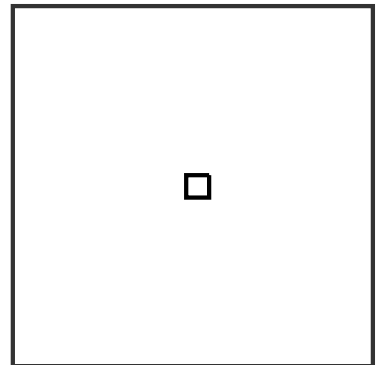
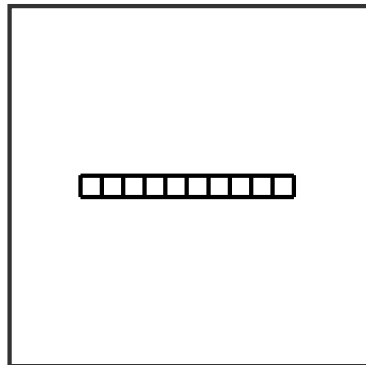
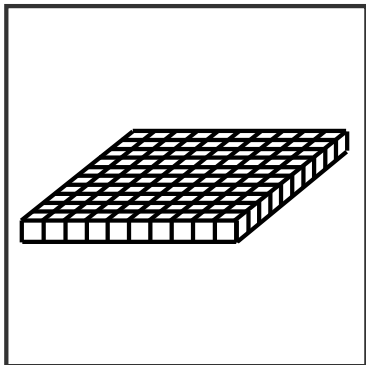
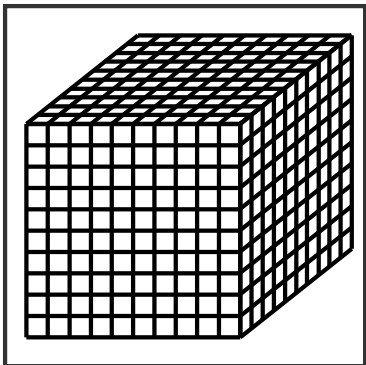
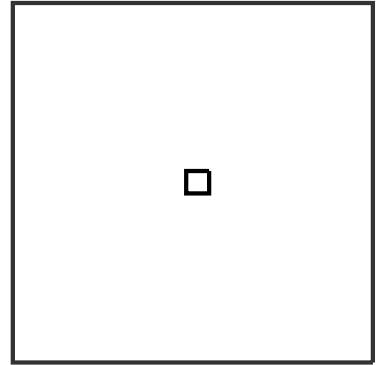
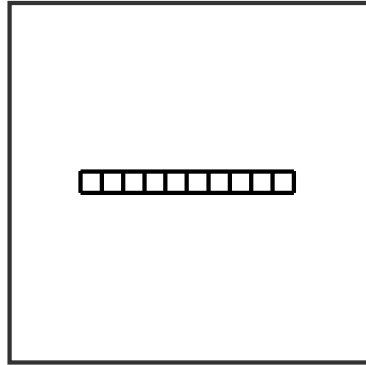
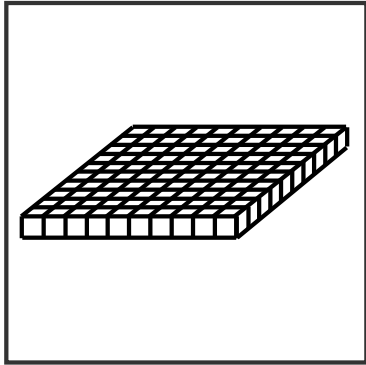
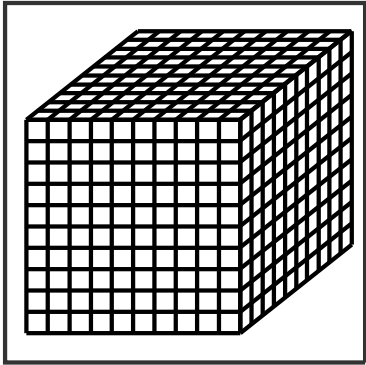
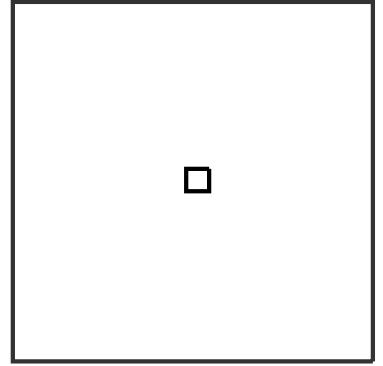
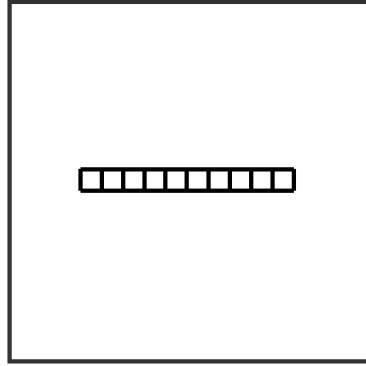
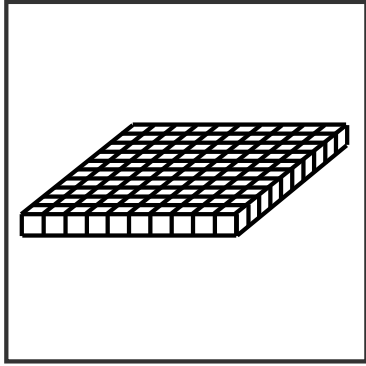
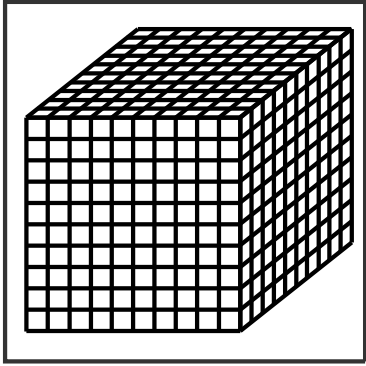
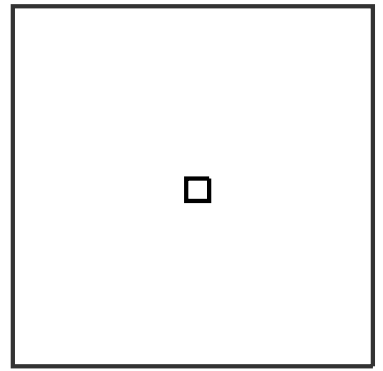
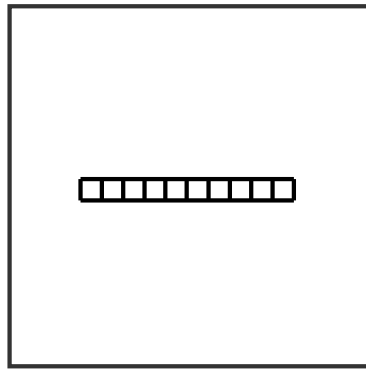
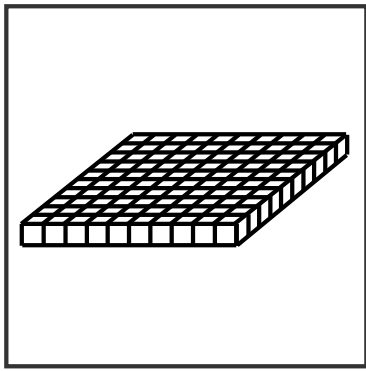
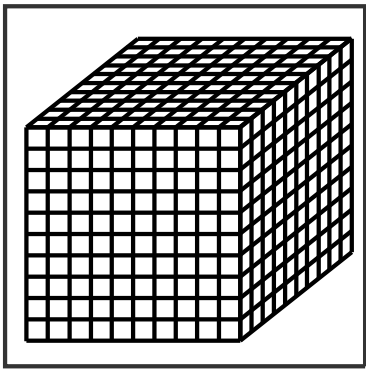
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	Hundreds
	Tens
	Ones
•	Decimal Point
	Tenths
	Hundredths
	Thousandths
	Ten-thousandths

	Thousands
	Hundreds
	Tens
	Ones
•	Decimal Point
	Tenths
	Hundredths
	Thousandths
	Ten-thousandths

	Thousands
	Hundreds
	Tens
	Ones
•	Decimal Point
	Tenths
	Hundredths
	Thousandths
	Ten-thousandths

	Thousands
	Hundreds
	Tens
	Ones
•	Decimal Point
	Tenths
	Hundredths
	Thousandths
	Ten-thousandths

	Thousands
	Hundreds
	Tens
	Ones
•	Decimal Point
	Tenths
	Hundredths
	Thousandths
	Ten-thousandths



Multiplication Table

Read across and down
to find the product of
any two numbers.

X	0	1	2	3	4	5	6	7	8	9	10	11	12
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	1	2	3	4	5	6	7	8	9	10	11	12
2	0	2	4	6	8	10	12	14	16	18	20	22	24
3	0	3	6	9	12	15	18	21	24	27	30	33	36
4	0	4	8	12	16	20	24	28	32	36	40	44	48
5	0	5	10	15	20	25	30	35	40	45	50	55	60
6	0	6	12	18	24	30	36	42	48	54	60	66	72
7	0	7	14	21	28	35	42	49	56	63	70	77	84
8	0	8	16	24	32	40	48	56	64	72	80	88	96
9	0	9	18	27	36	45	54	63	72	81	90	99	108
10	0	10	20	30	40	50	60	70	80	90	100	110	120
11	0	11	22	33	44	55	66	77	88	99	110	121	132
12	0	12	24	36	48	60	72	84	96	108	120	132	144

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X	0	1	2	3	4	5	6	7	8	9	10	11	12
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	1	2	3	4	5	6	7	8	9	10	11	12
2	0	2	4	6	8	10	12	14	16	18	20	22	24
3	0	3	6	9	12	15	18	21	24	27	30	33	36
4	0	4	8	12	16	20	24	28	32	36	40	44	48
5	0	5	10	15	20	25	30	35	40	45	50	55	60
6	0	6	12	18	24	30	36	42	48	54	60	66	72
7	0	7	14	21	28	35	42	49	56	63	70	77	84
8	0	8	16	24	32	40	48	56	64	72	80	88	96
9	0	9	18	27	36	45	54	63	72	81	90	99	108
10	0	10	20	30	40	50	60	70	80	90	100	110	120
11	0	11	22	33	44	55	66	77	88	99	110	121	132
12	0	12	24	36	48	60	72	84	96	108	120	132	144

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X	0	1	2	3	4	5	6	7	8	9	10	11	12
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	1	2	3	4	5	6	7	8	9	10	11	12
2	0	2	4	6	8	10	12	14	16	18	20	22	24
3	0	3	6	9	12	15	18	21	24	27	30	33	36
4	0	4	8	12	16	20	24	28	32	36	40	44	48
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6	0	6	12	18	24	30	36	42	48	54	60	66	72
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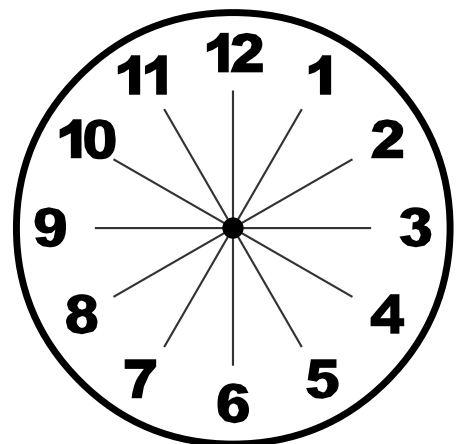
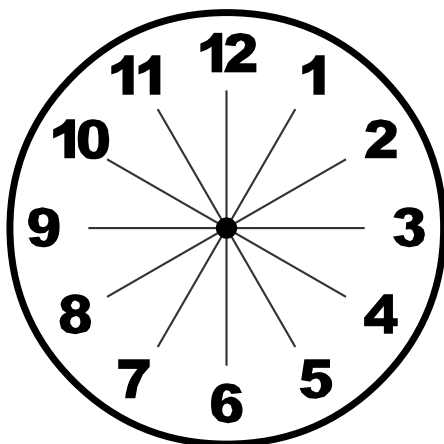
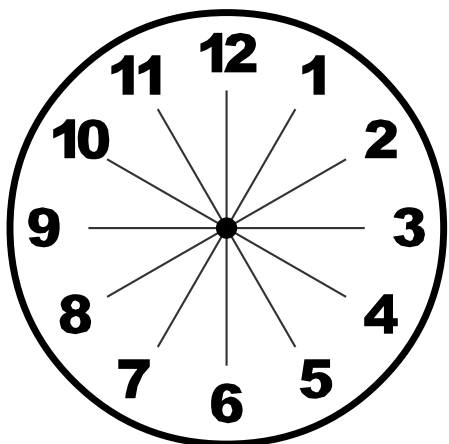
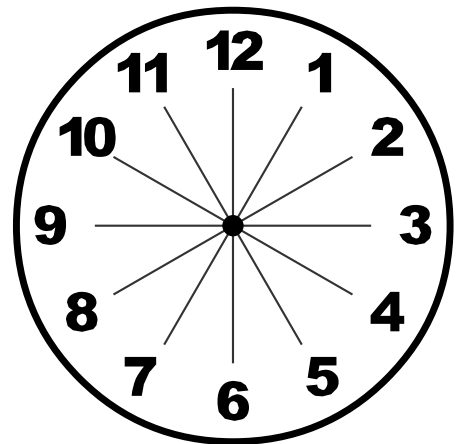
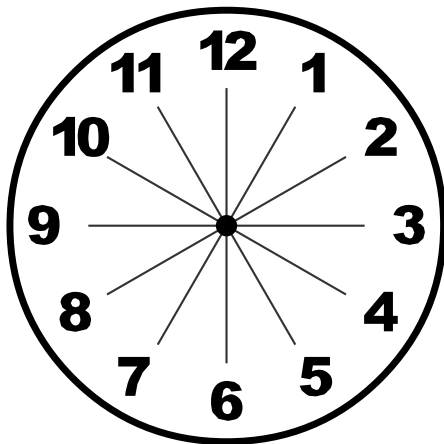
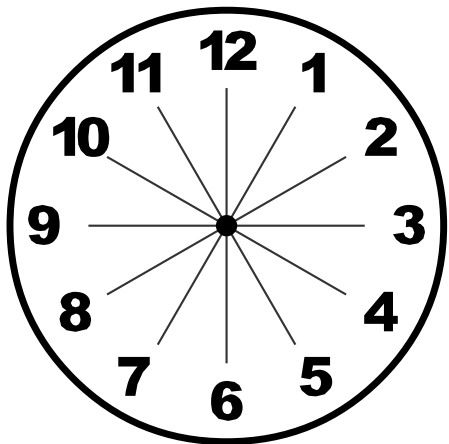
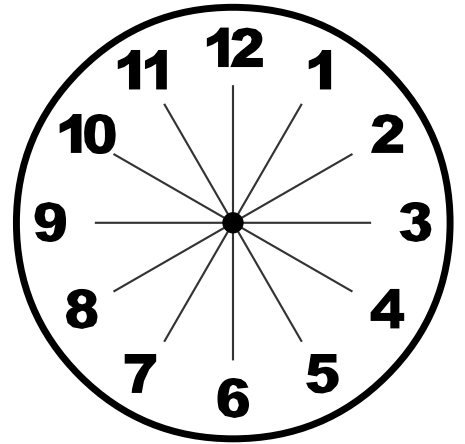
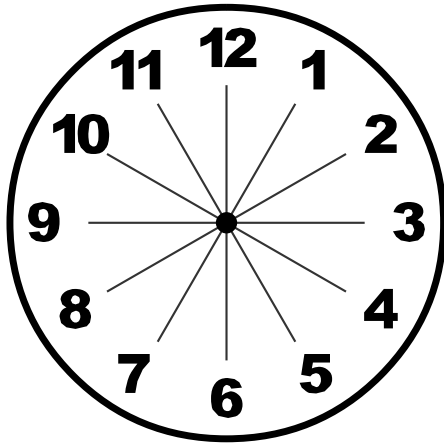
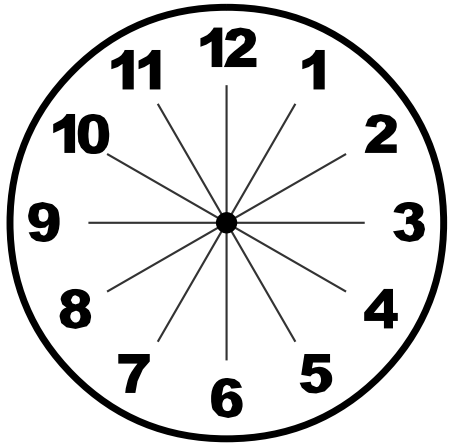
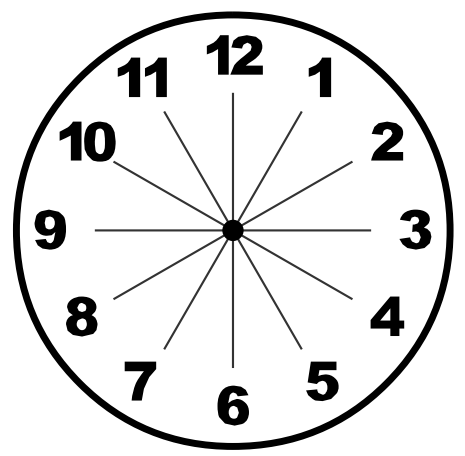
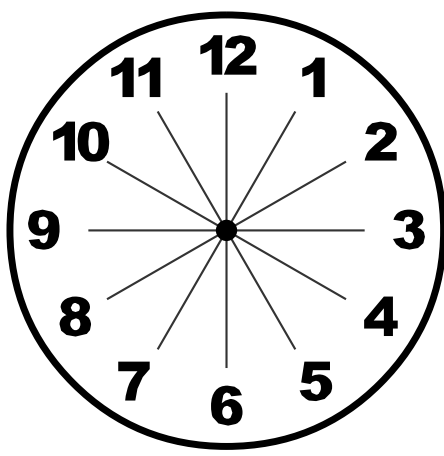
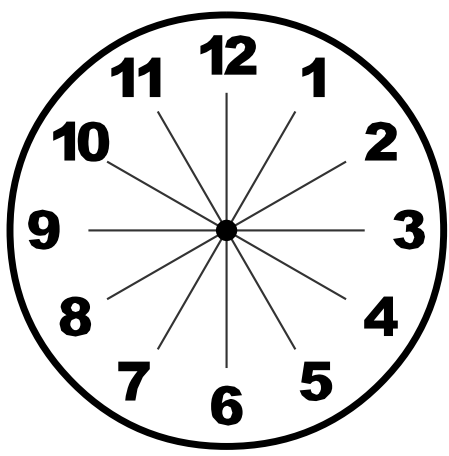
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Multiplication Table

Read across and down
to find the product of
any two numbers.

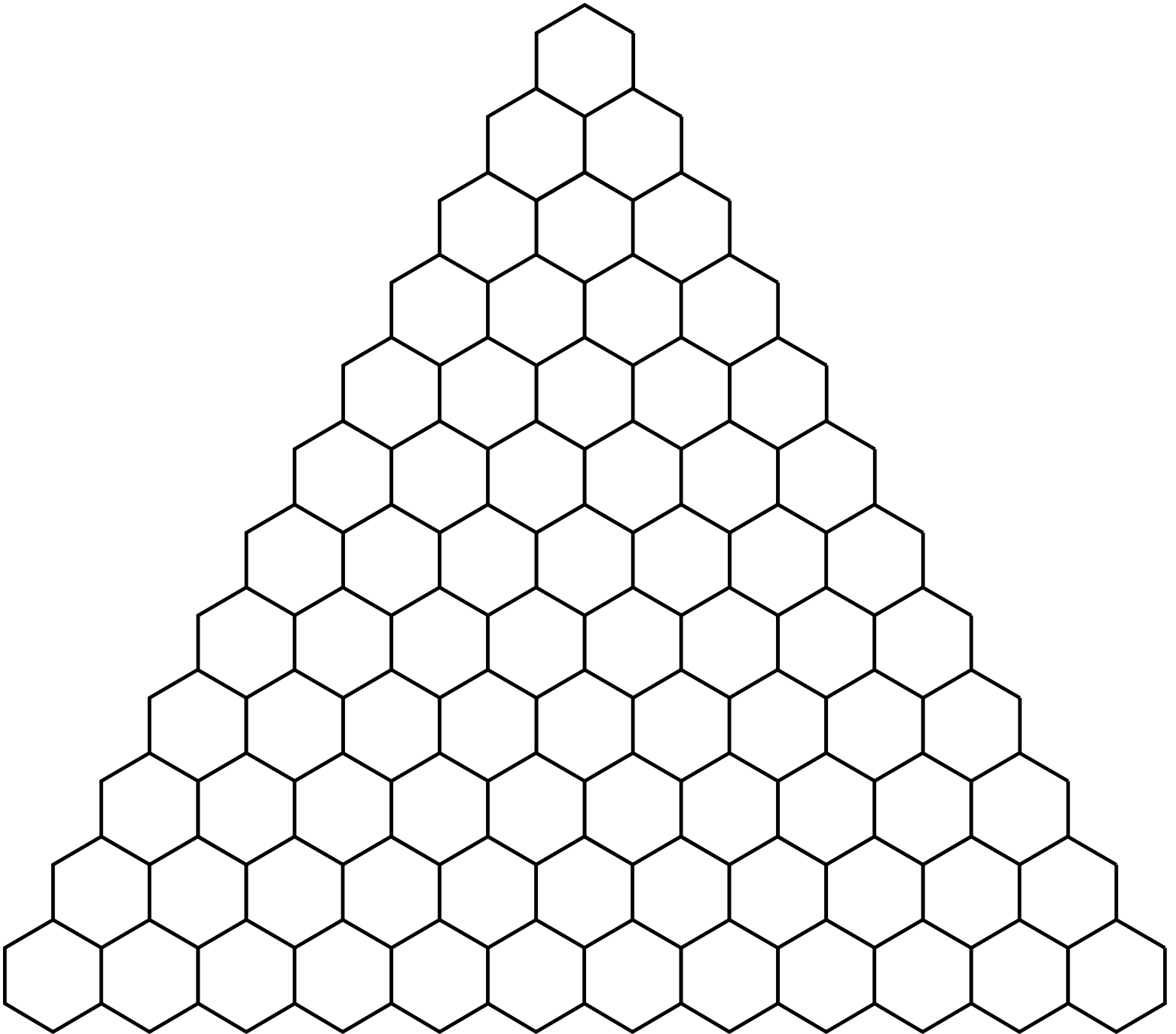
X	0	1	2	3	4	5	6	7	8	9	10	11	12
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	1	2	3	4	5	6	7	8	9	10	11	12
2	0	2	4	6	8	10	12	14	16	18	20	22	24
3	0	3	6	9	12	15	18	21	24	27	30	33	36
4	0	4	8	12	16	20	24	28	32	36	40	44	48
5	0	5	10	15	20	25	30	35	40	45	50	55	60
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8	0	8	16	24	32	40	48	56	64	72	80	88	96
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Pascal's Triangle Grid

Pascal's triangle is a triangular number pattern named after the French mathematician Blaise Pascal, 1623 - 1662.

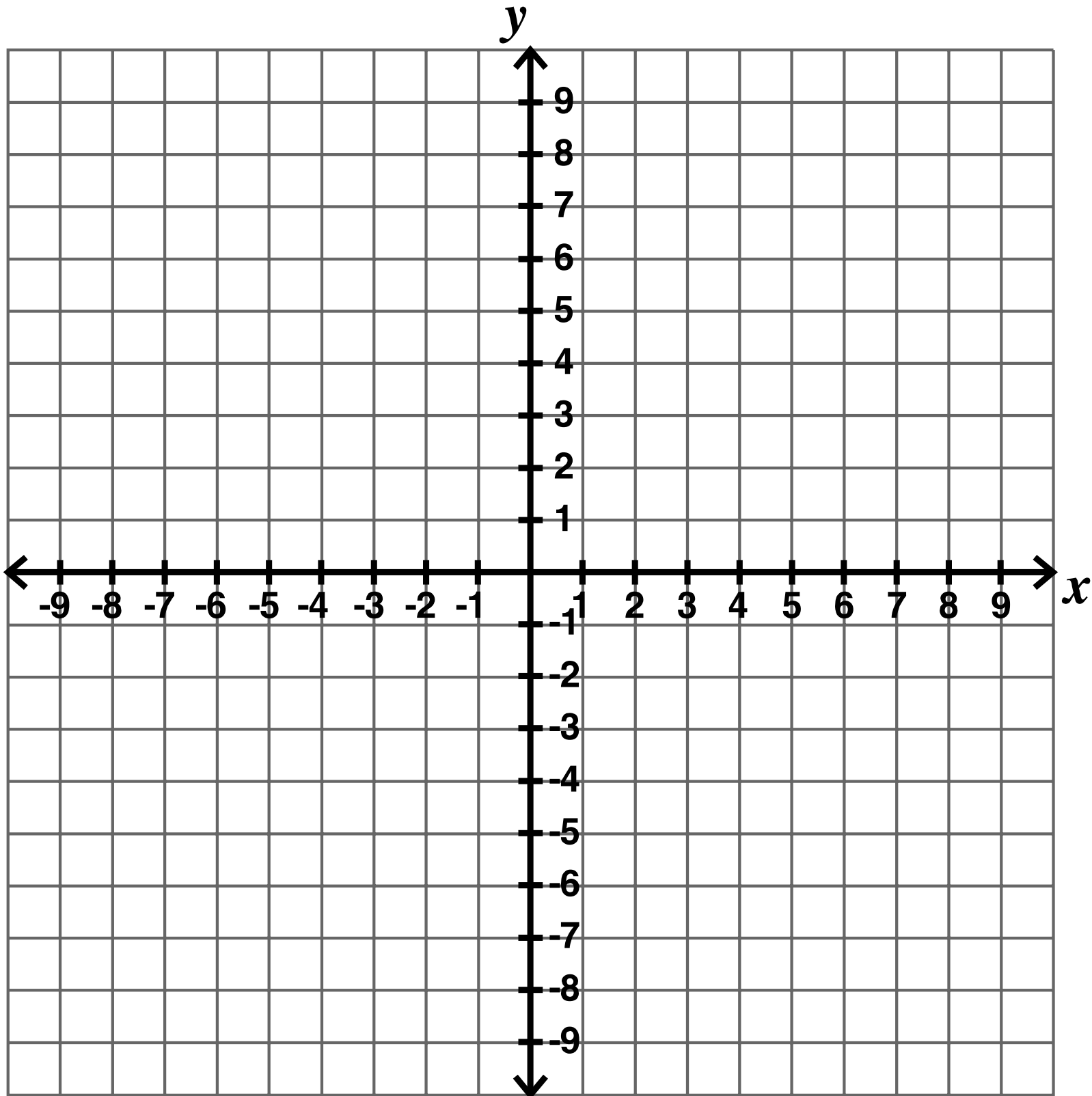


In the triangle, each number is the sum of the two numbers above it.

Cartesian coordinate plane

A Cartesian coordinate plane is a plane containing two perpendicular axes (x and y) intersecting at a point called the origin (0,0).

Position is denoted using pairs of coordinates, e.g. (2, 4).



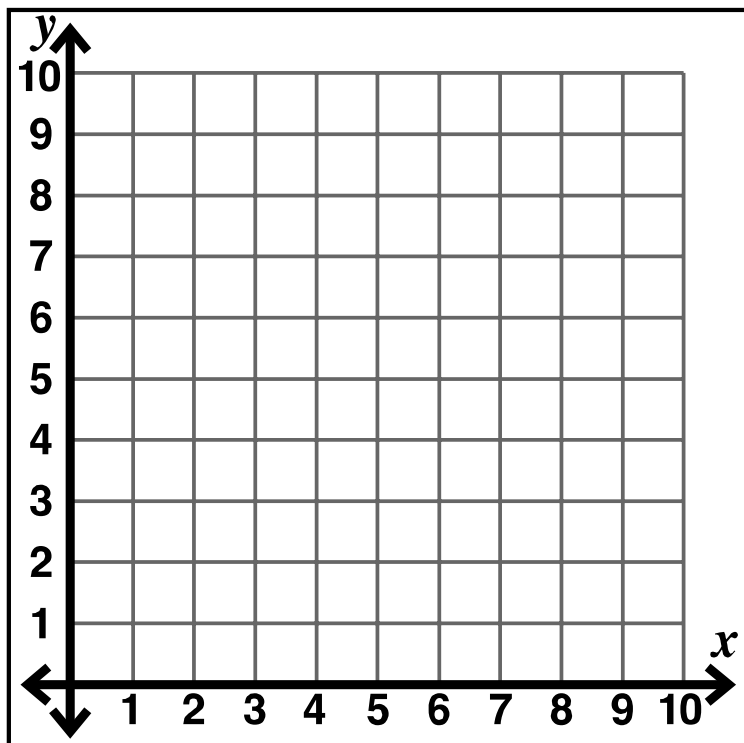
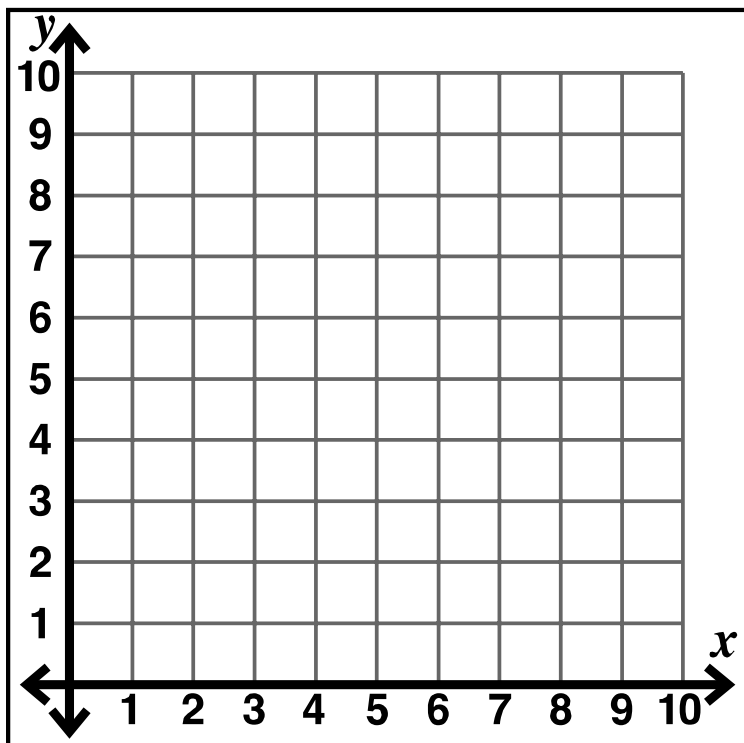
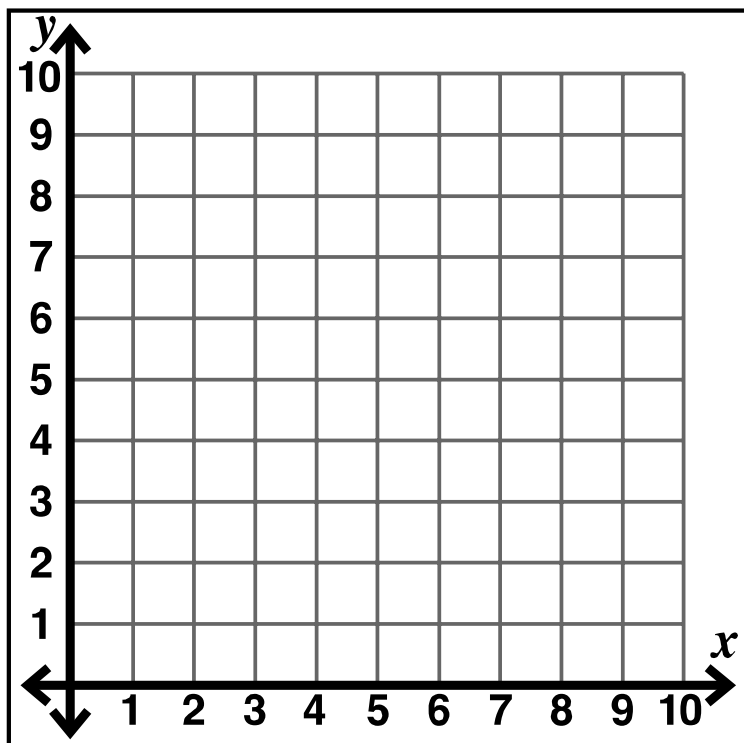
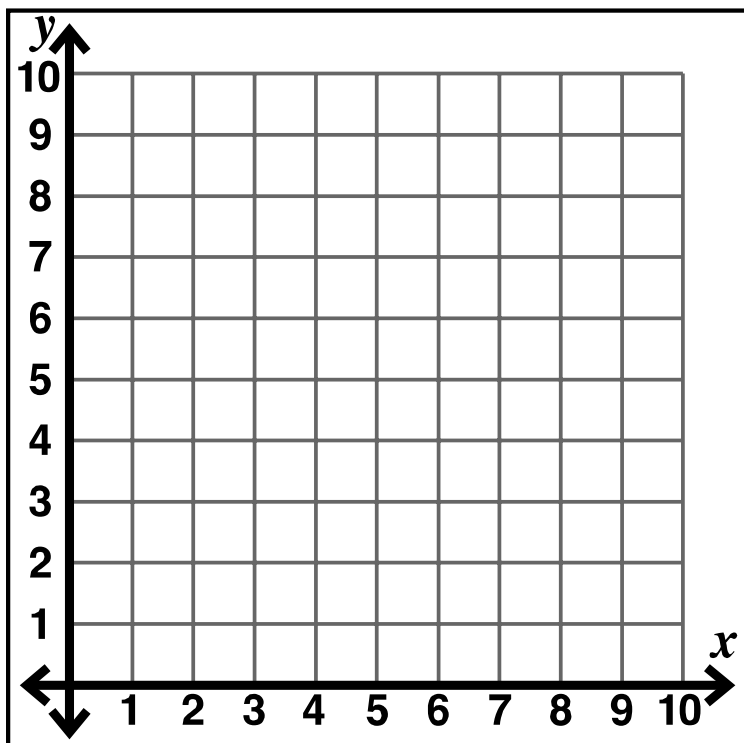
The first coordinate is the horizontal position (x axis).
The second coordinate is the vertical position (y axis).

Cartesian coordinate plane

A Cartesian coordinate plane is a plane containing two perpendicular axes (x and y) intersecting at a point called the origin (0,0).

Position is denoted using pairs of coordinates, e.g. (2, 4).

Quadrant I grids



The first coordinate is the horizontal position (x axis).
The second coordinate is the vertical position (y axis).