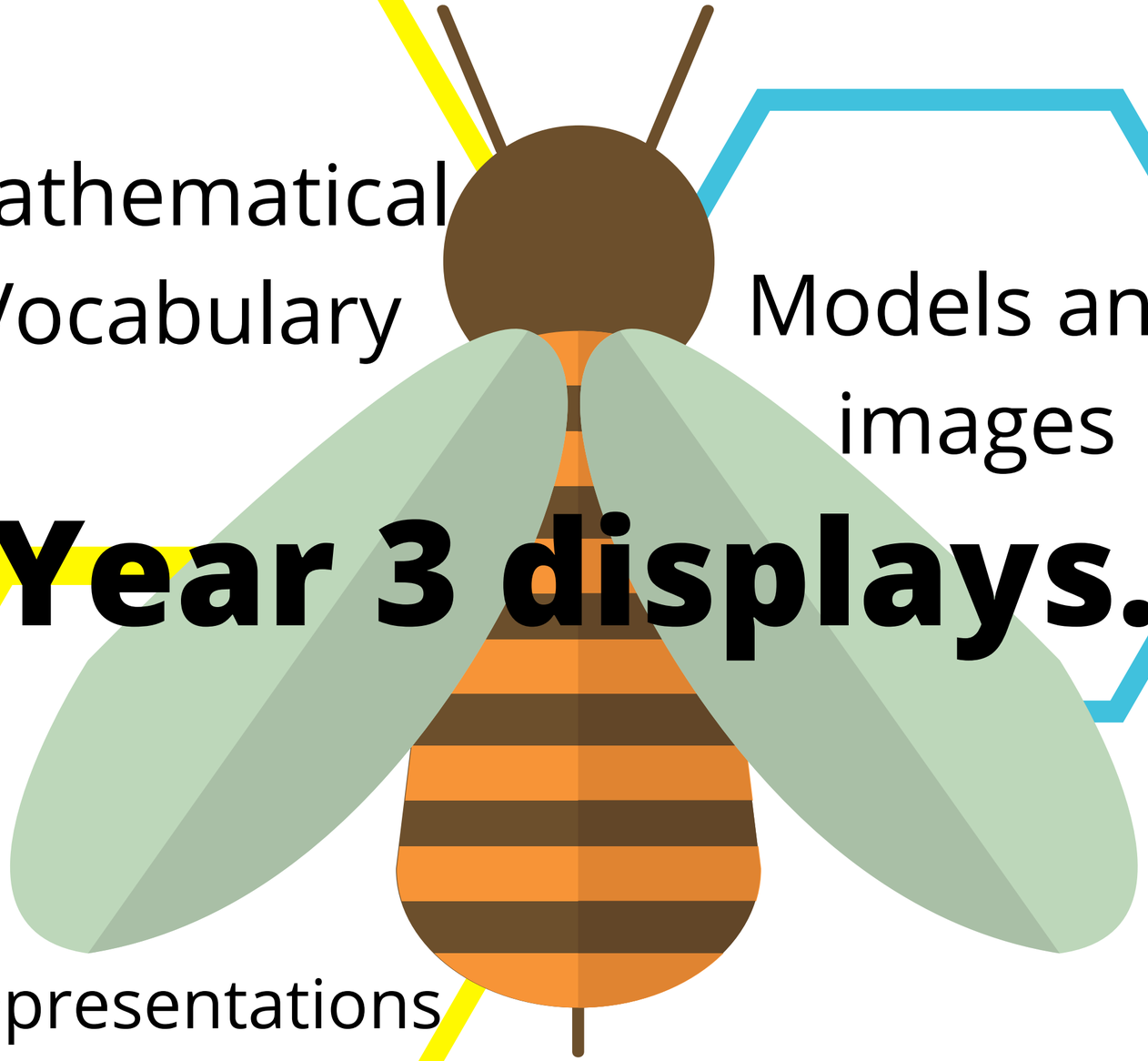
Year 3 displays.

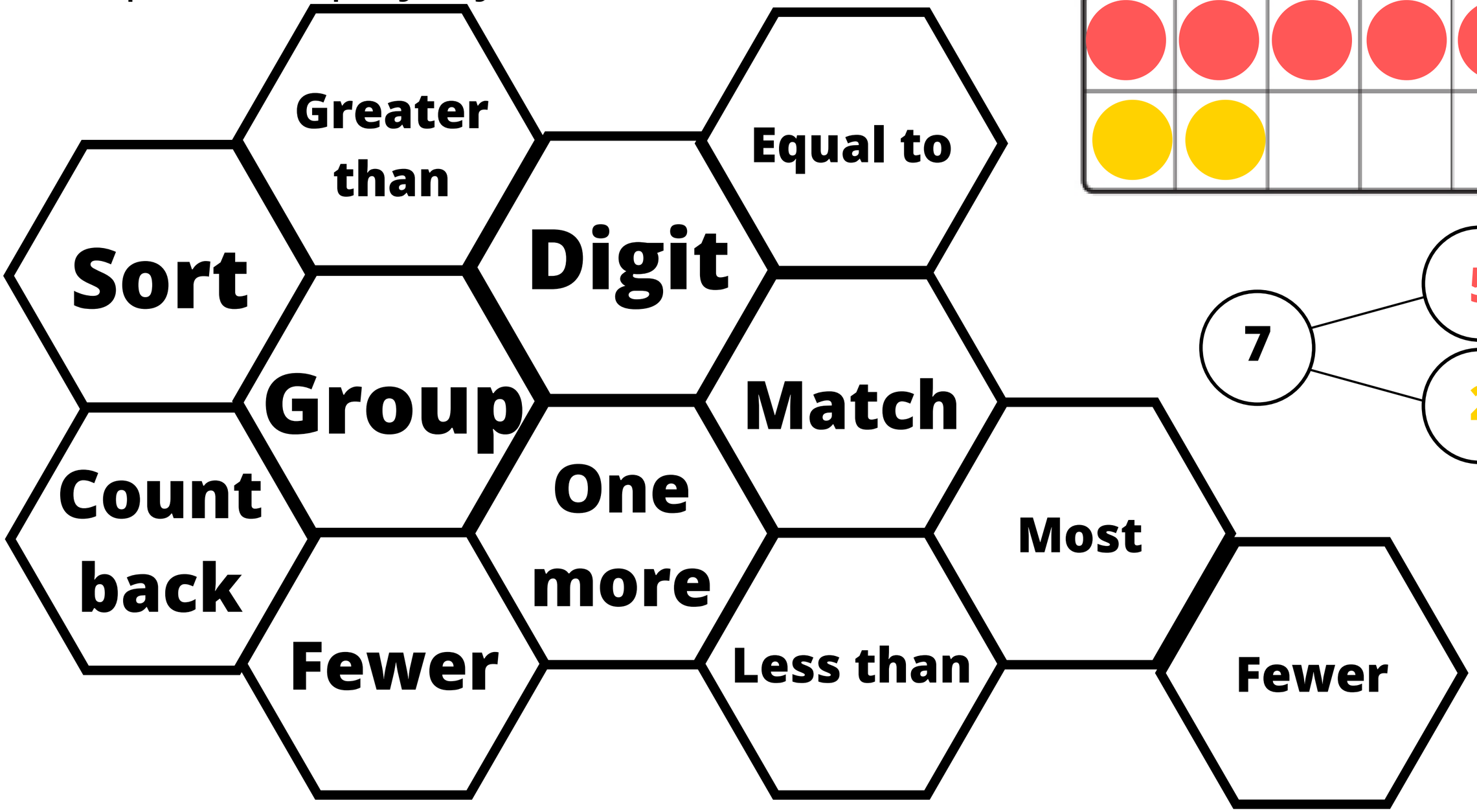
Mathematical Vocabulary

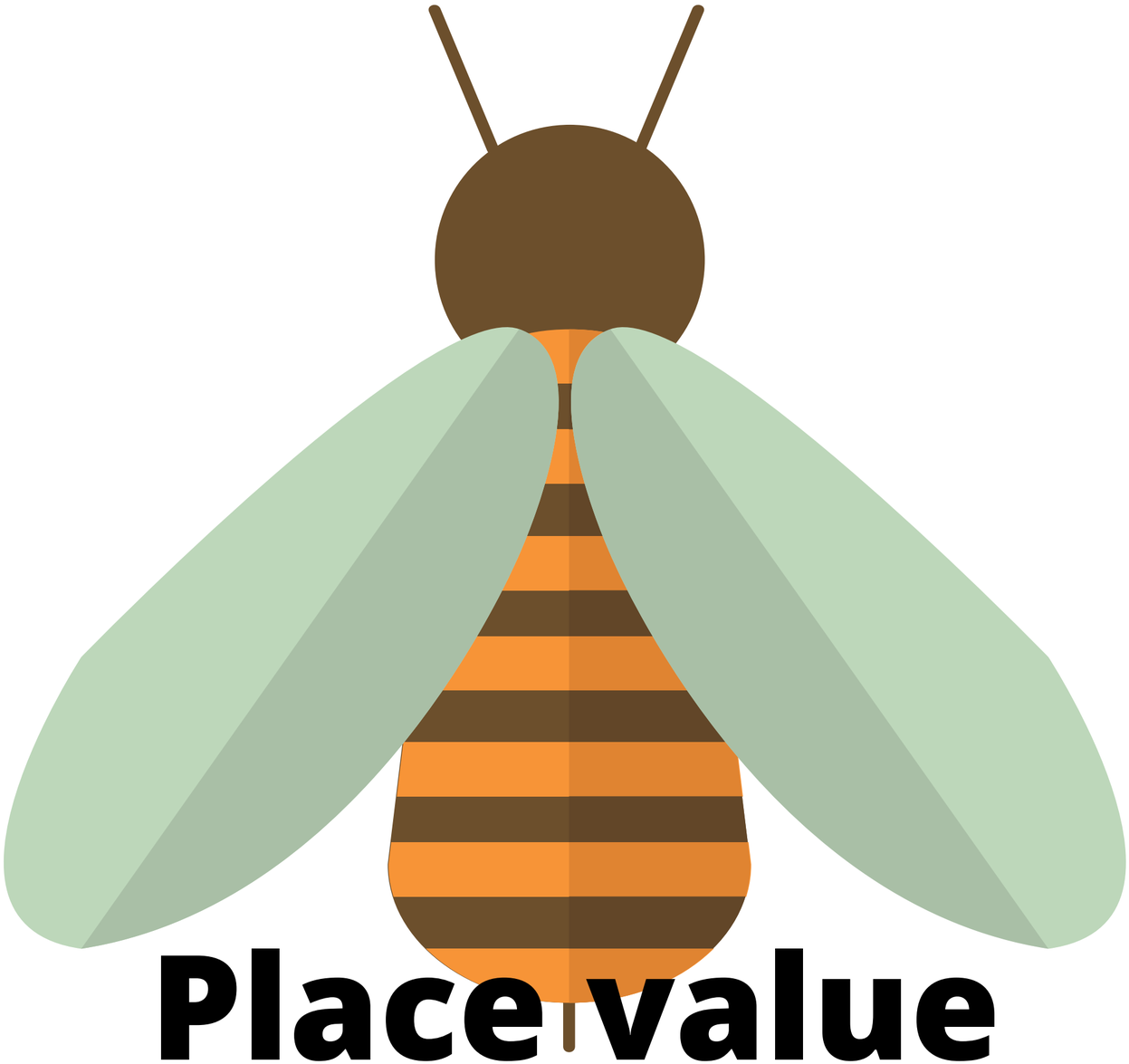
Models and images

Representations



Example of display layout





Place value

Hundreds

Tens

Ones

Partition

More

Fewer

Greatest

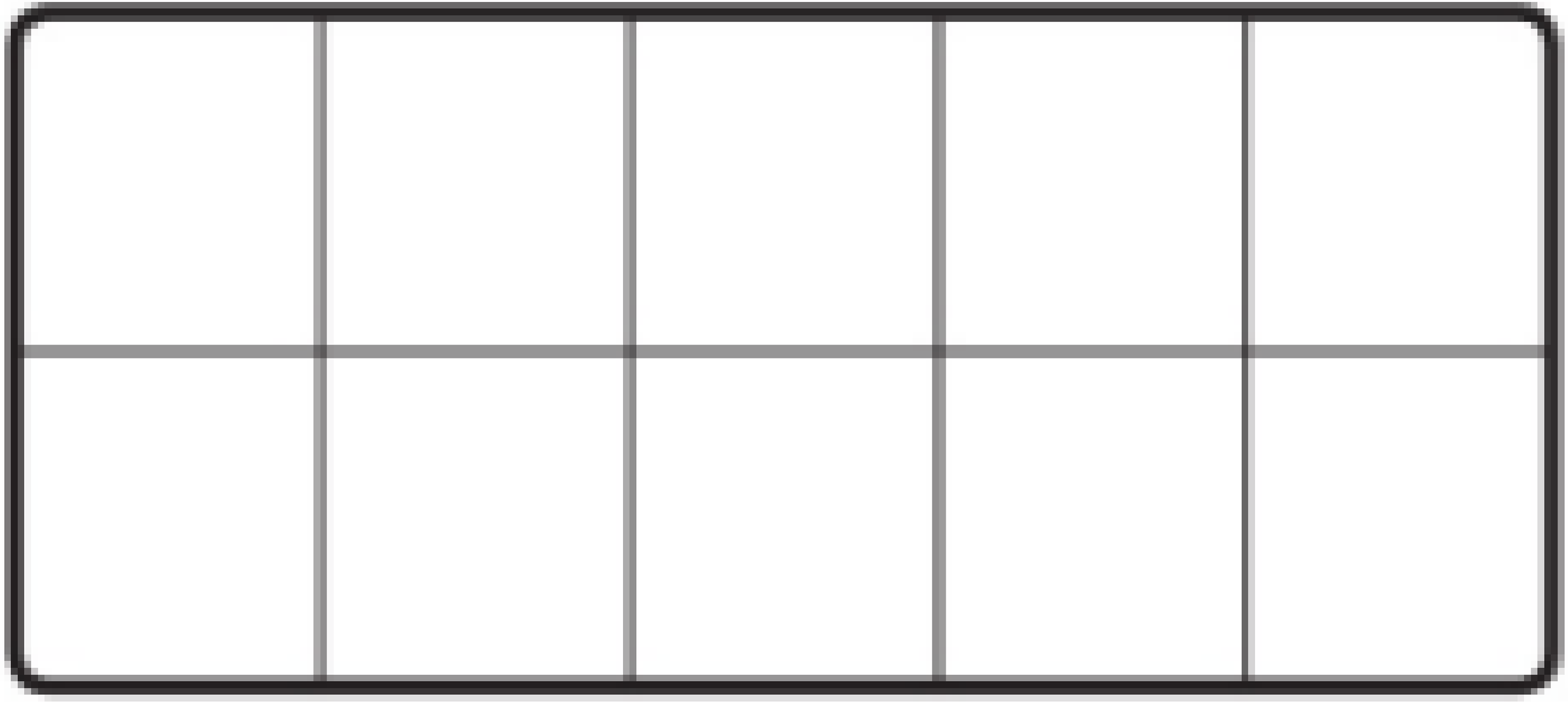
Smallest

Fewest

Greater than

Less than

Equal to



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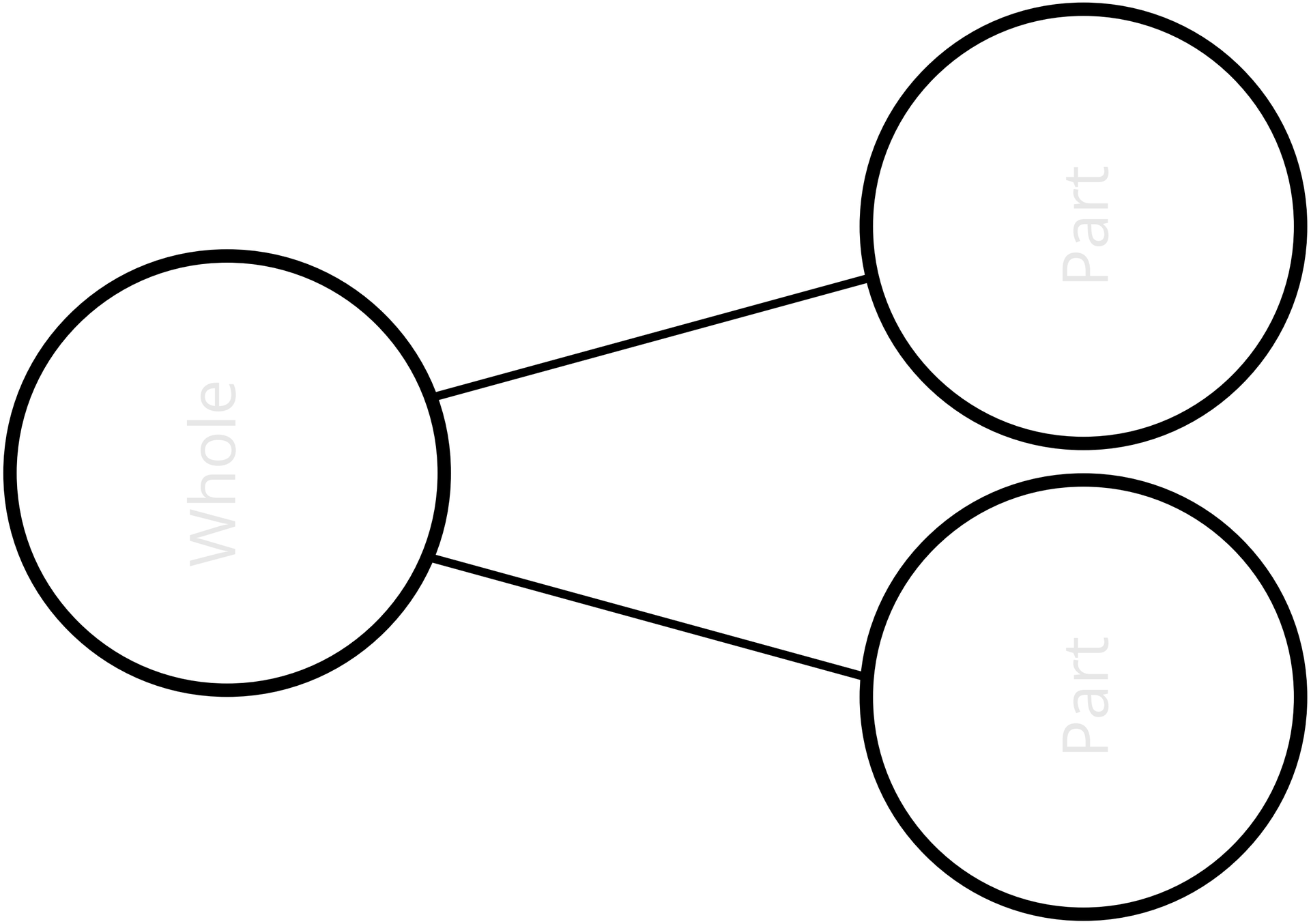
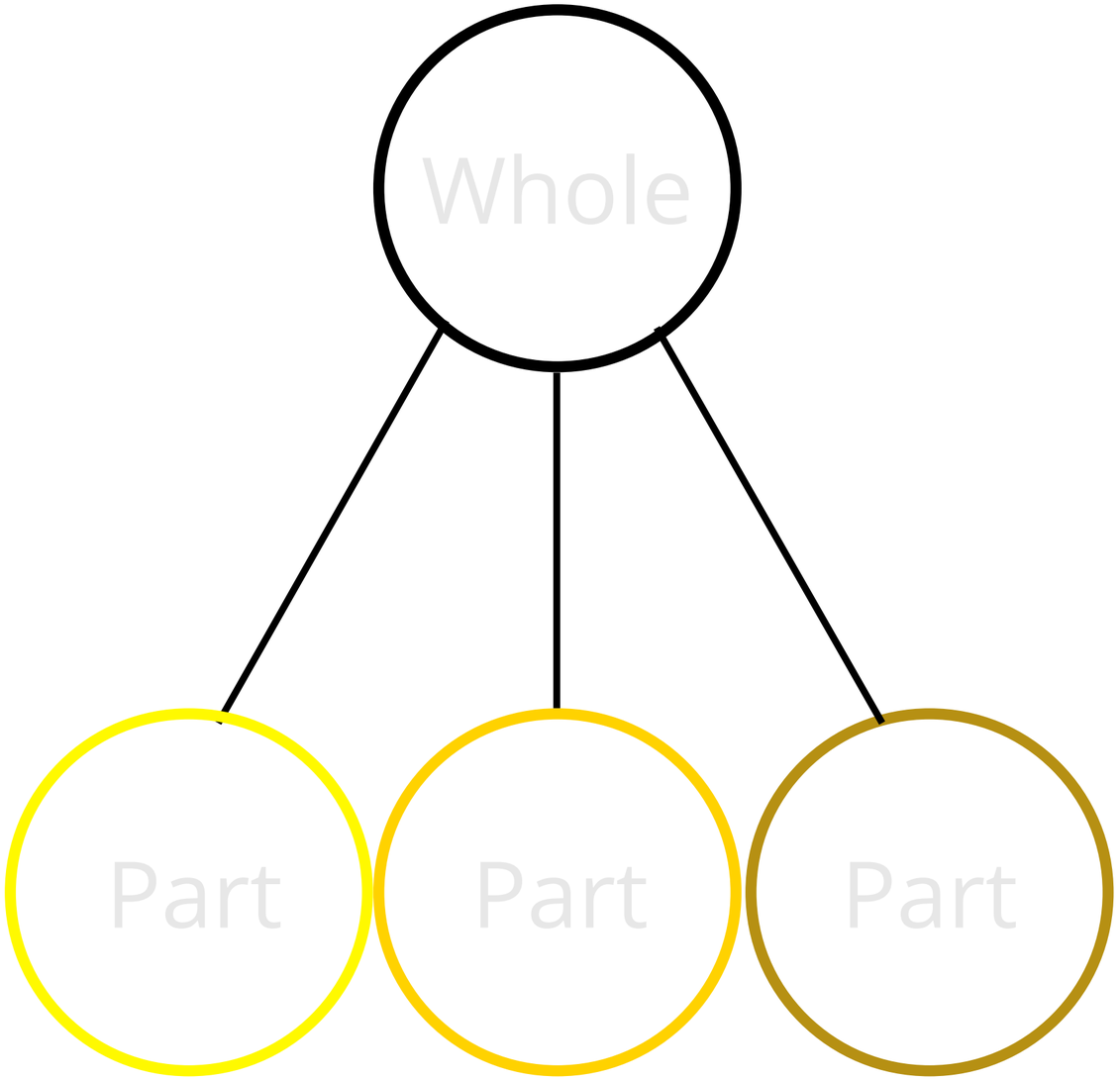

Whole
Part
Part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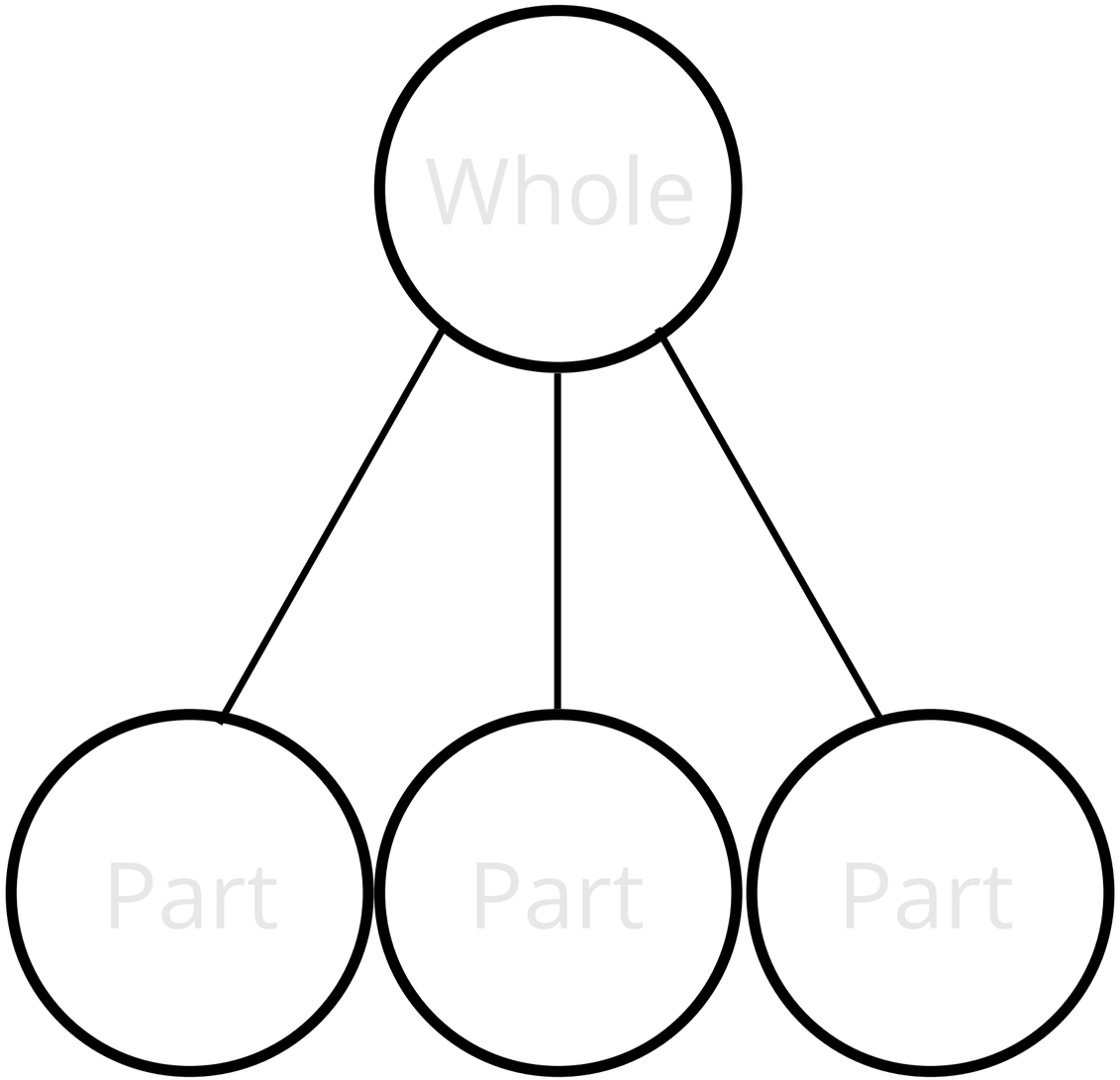
Part
Part

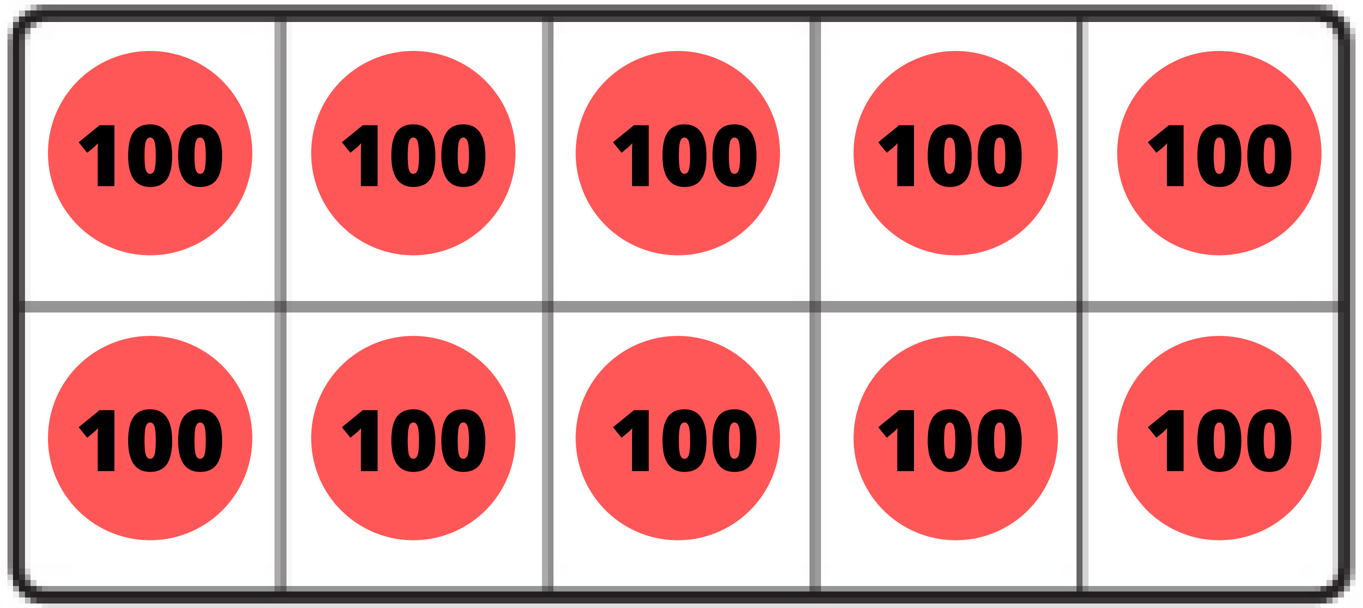

Whole
Part
Part
Part

Hundreds	Tens	Ones
Part	Part	Part

Use > < or =

Hundreds	Tens	Ones
Part	Part	Part

Hundreds	Tens	Ones
Part	Part	Part



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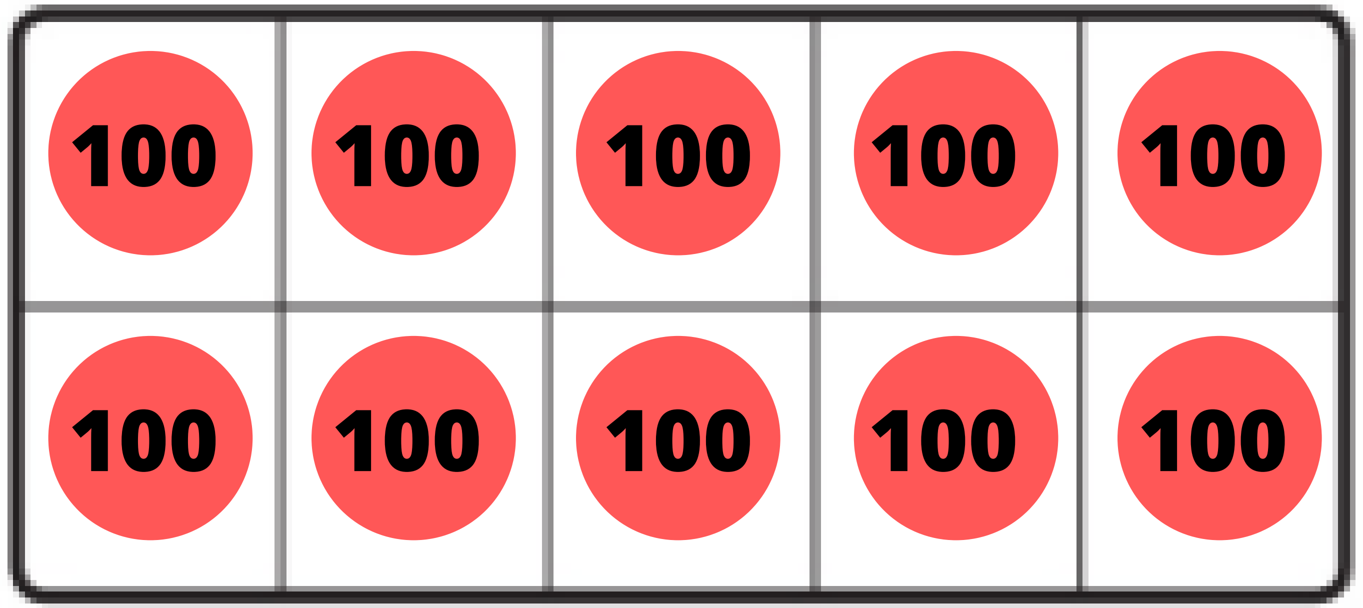

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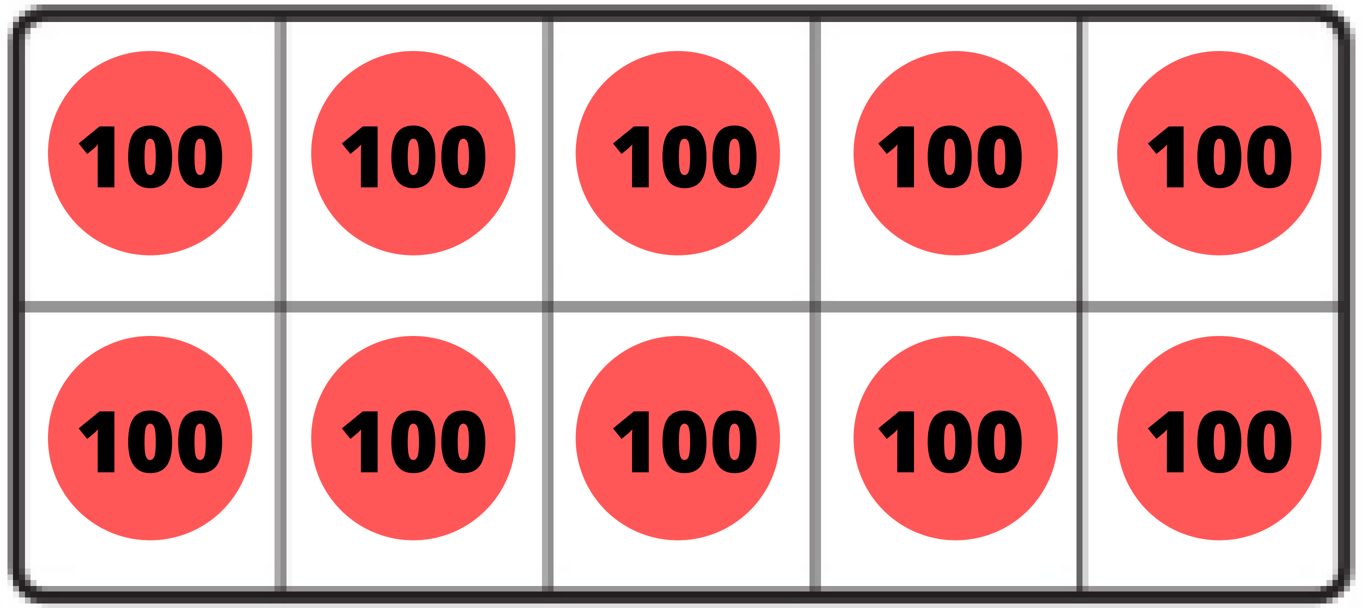
100	100	100	100	100



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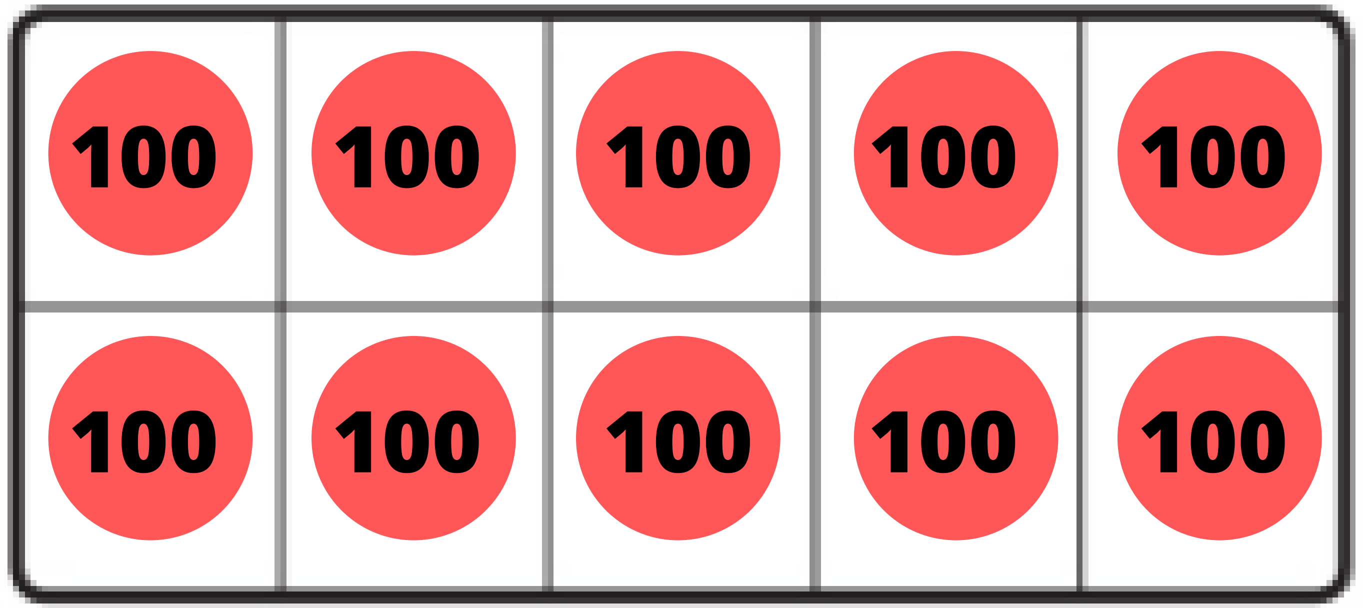
100	100	100	100	100



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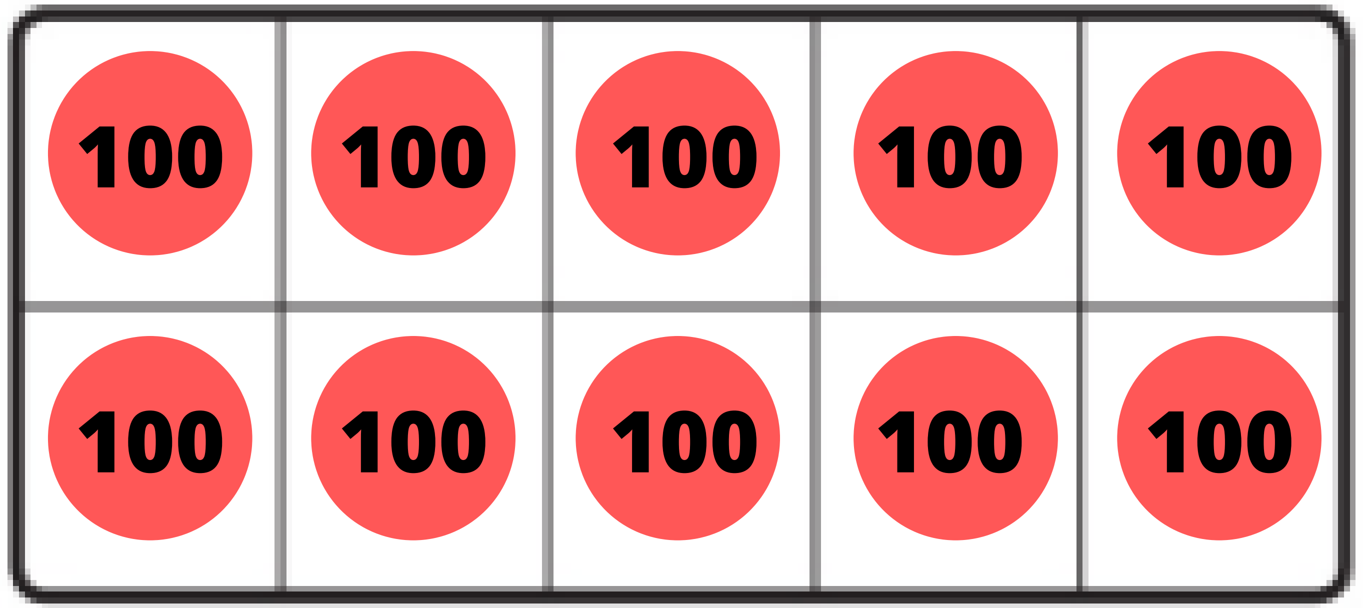
100	100	100	100	100



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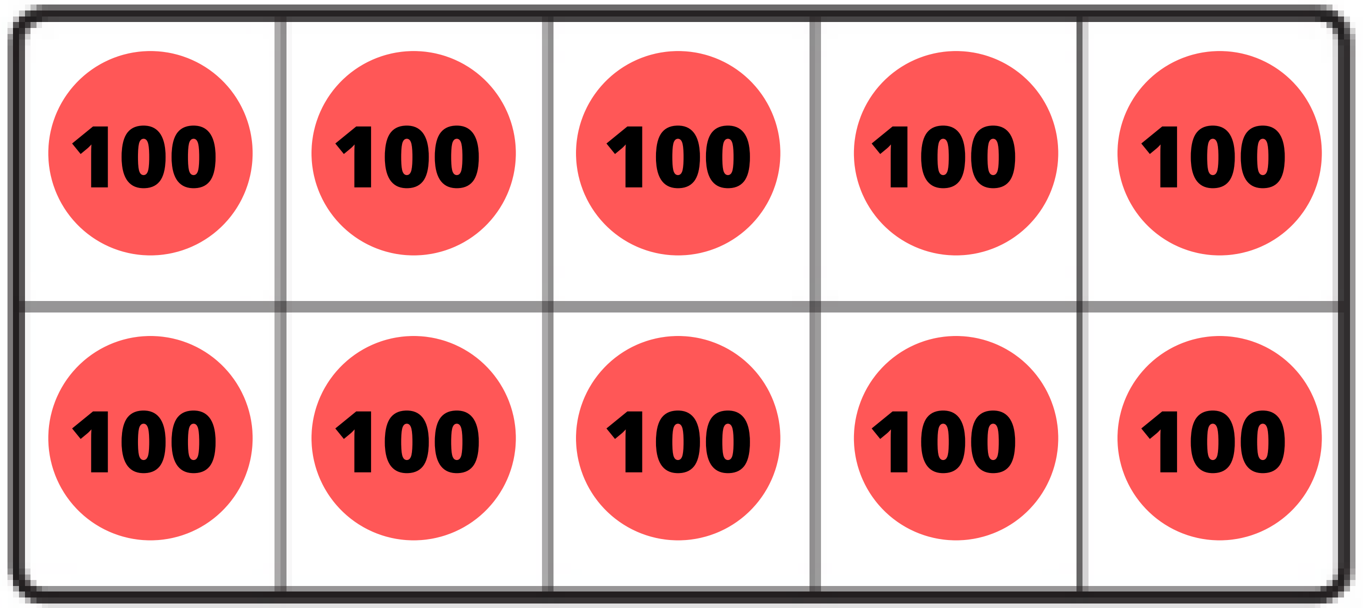

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100	100	100	100	100

100	100	100	100	100
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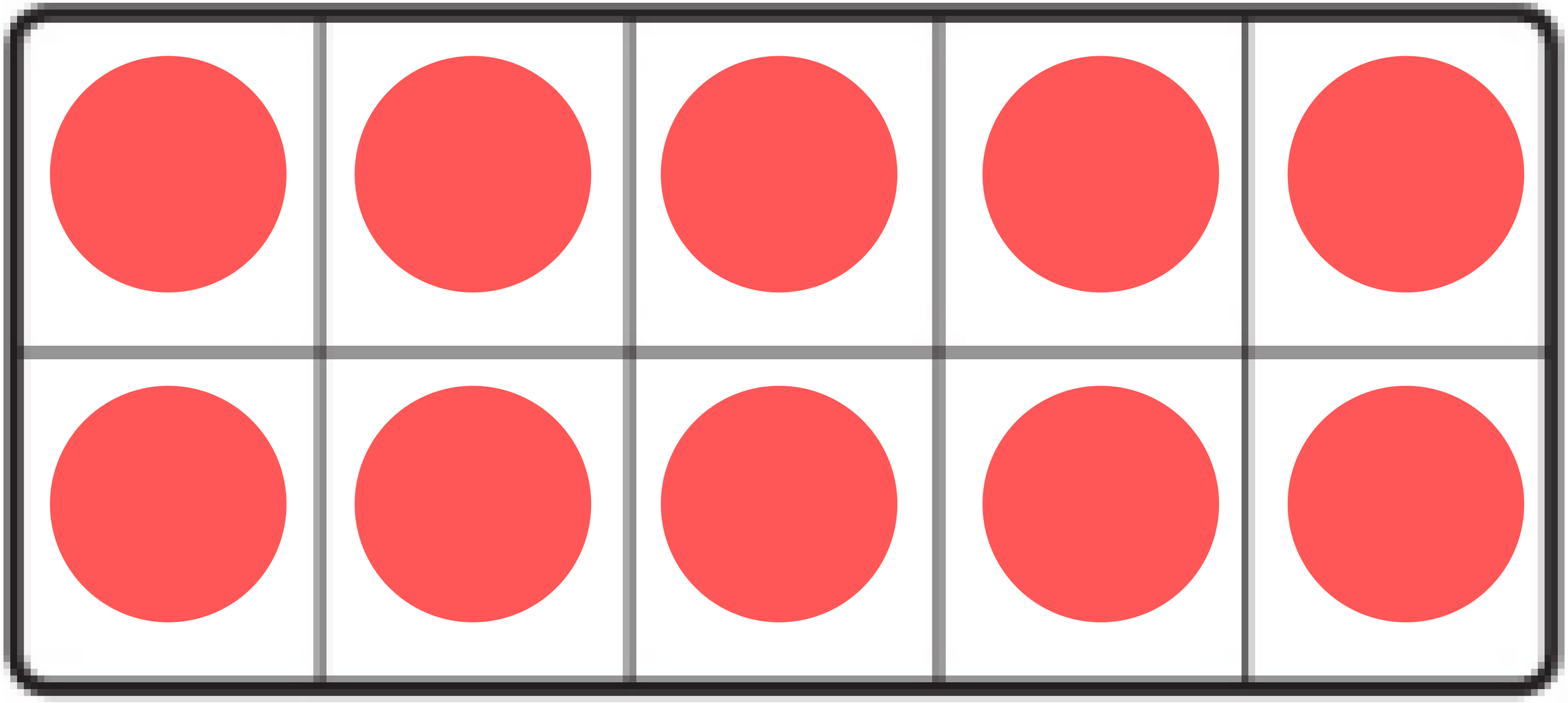

100	200	300	400	500	600	700	800	900	1000

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100	200		400	500	600	700	800	900	1000

100	200	300		500	600	700	800	900	1000

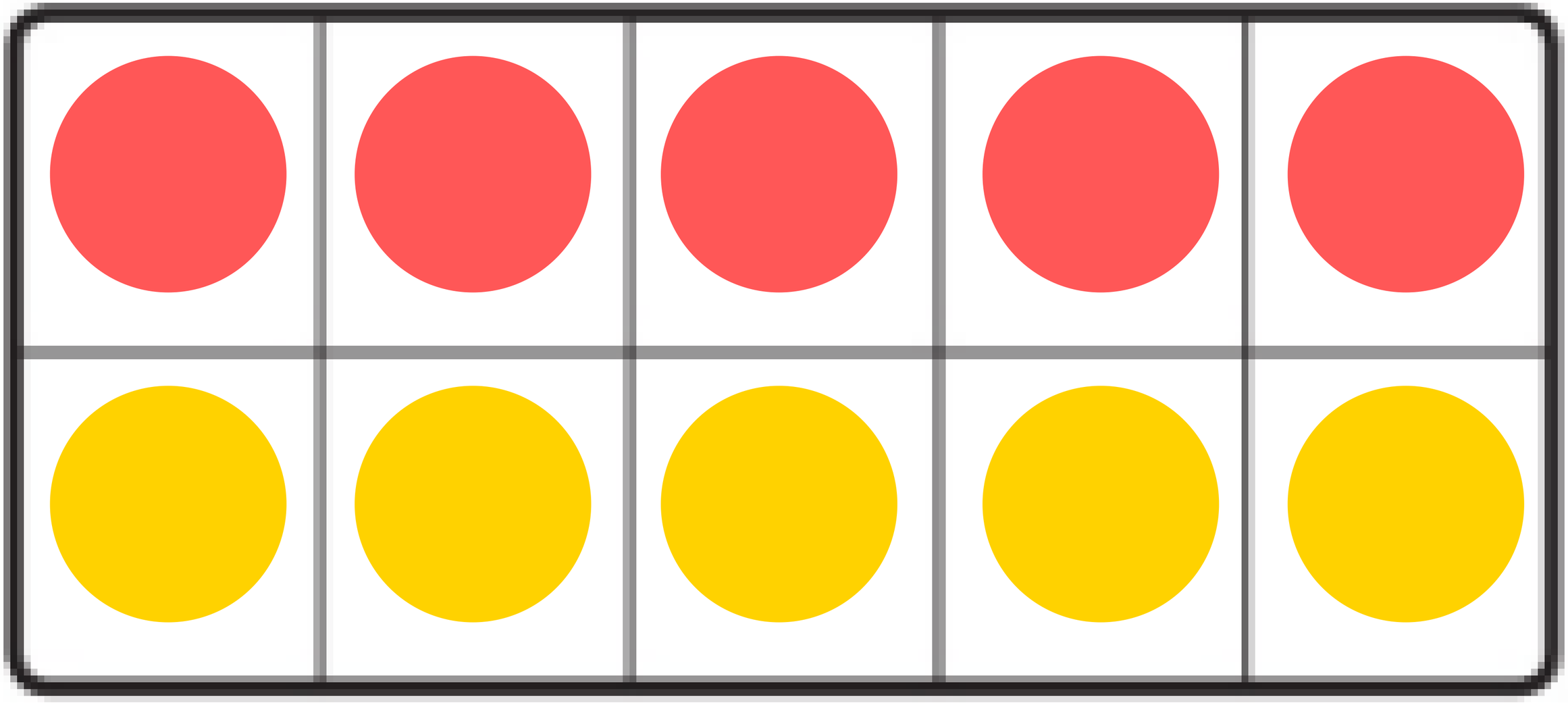
100	200	300	400		600	700	800	900	1000

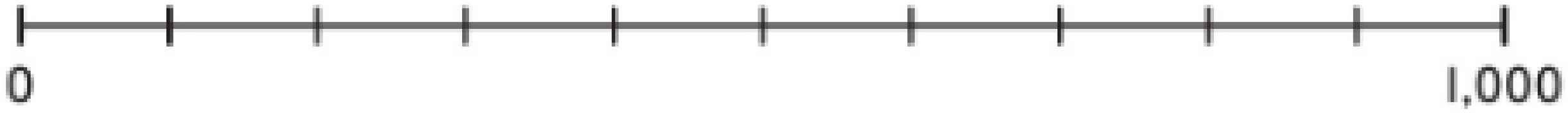
100	200	300	400	500		700	800	900	1000

100	200	300	400	500	600		800	900	1000

100	200	300	400	500	600	700		900	1000

100	200	300	400	500	600	700	800		1000

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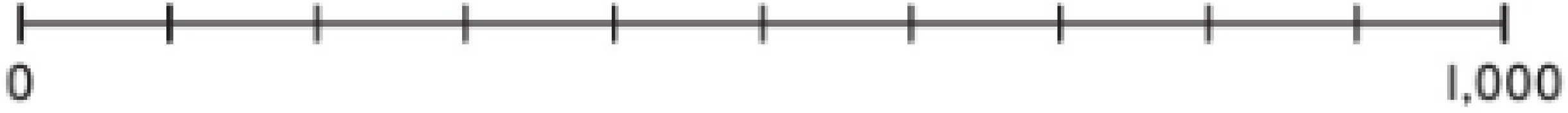
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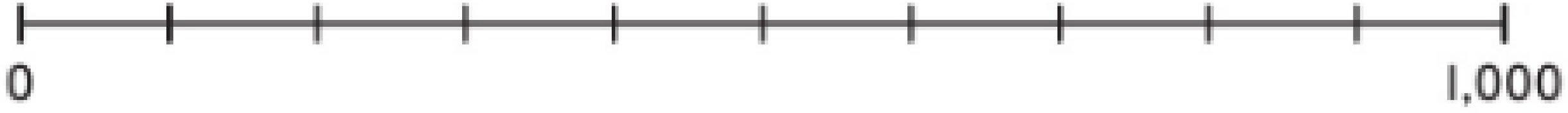
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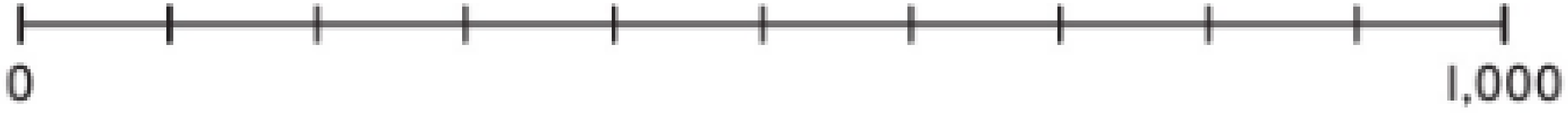
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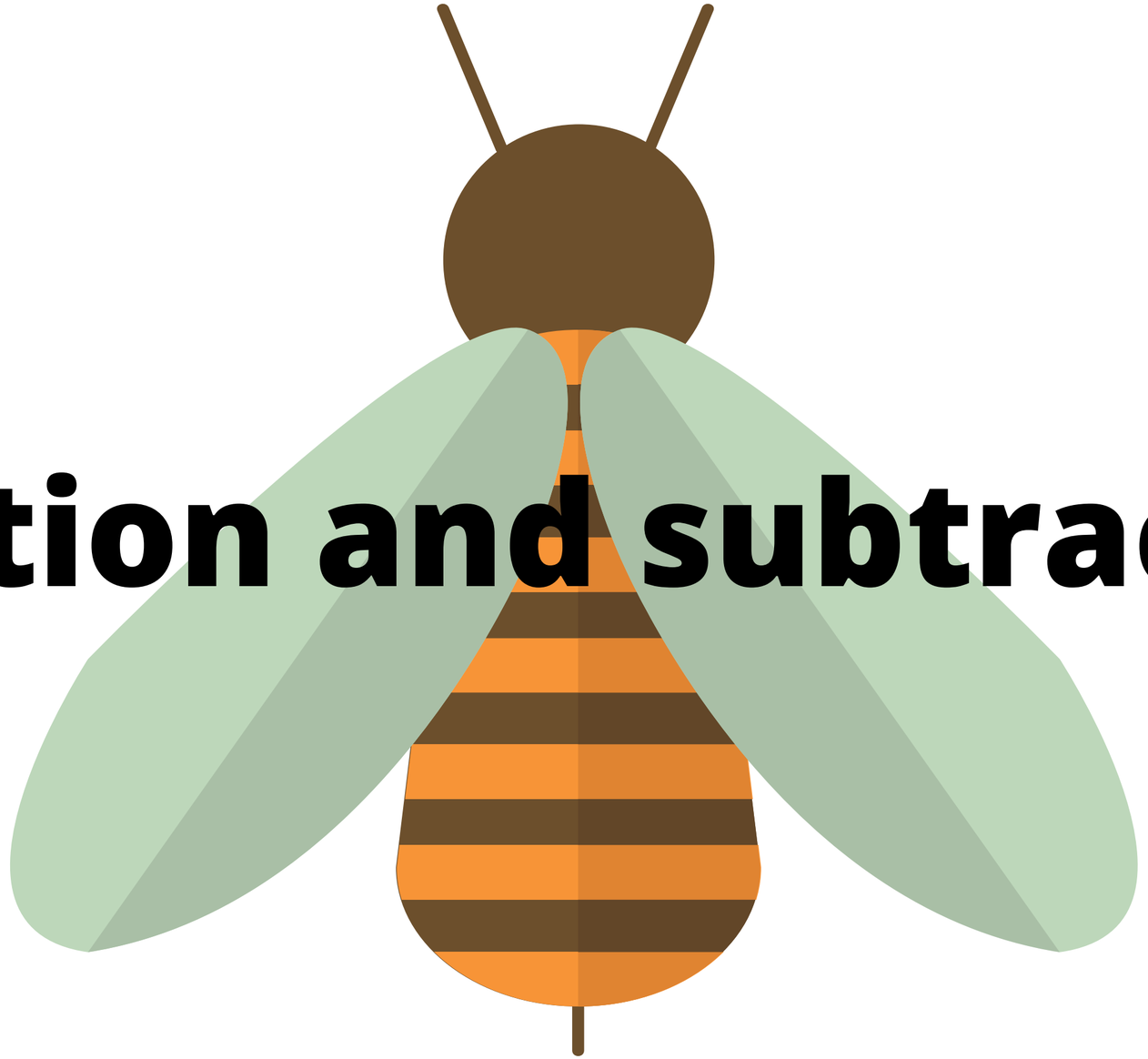
Addition and subtraction



Fact family

Number sentence

Number bonds

Column

Addition

Subtraction

Total

Mental method

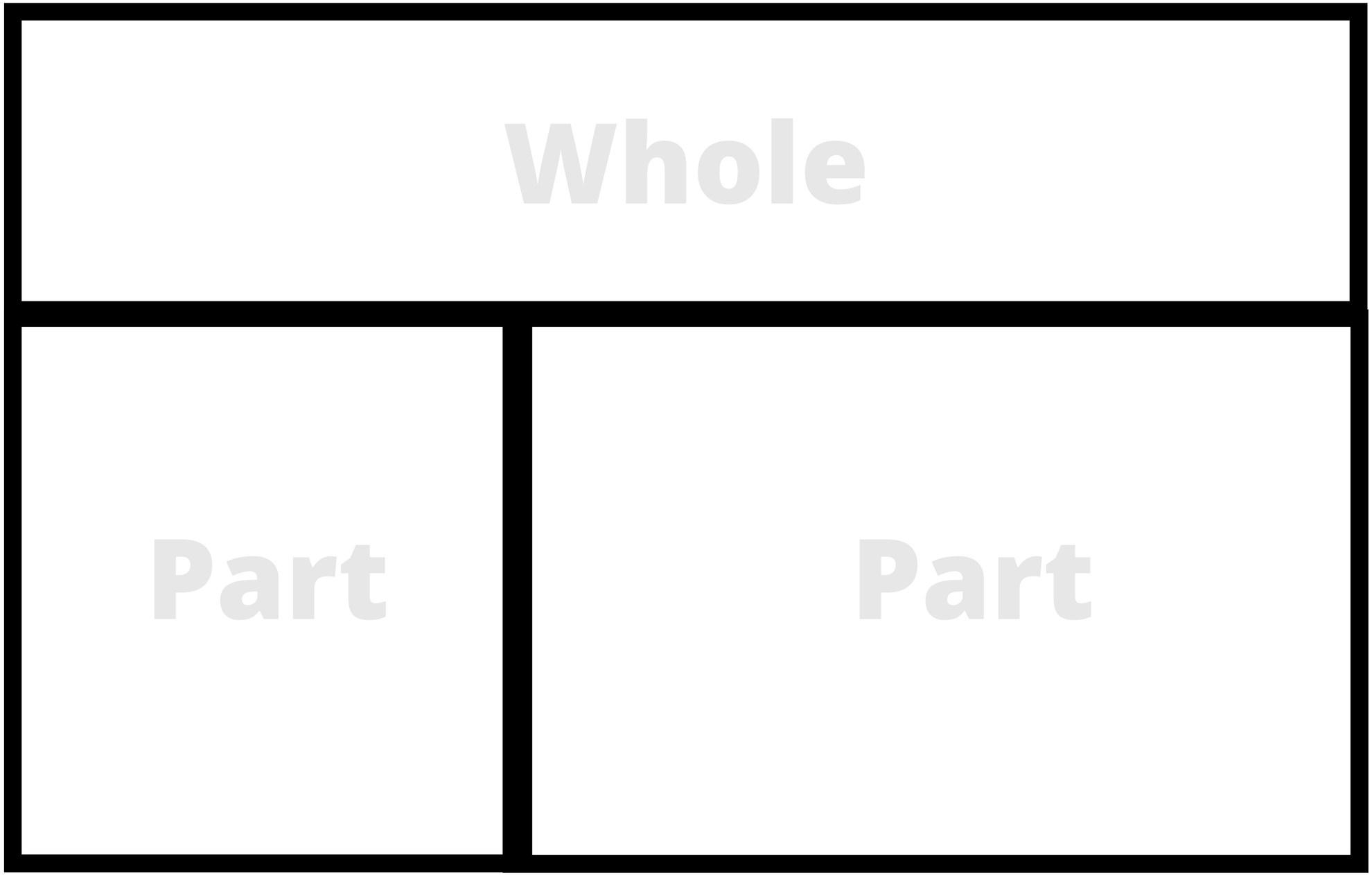
Column method

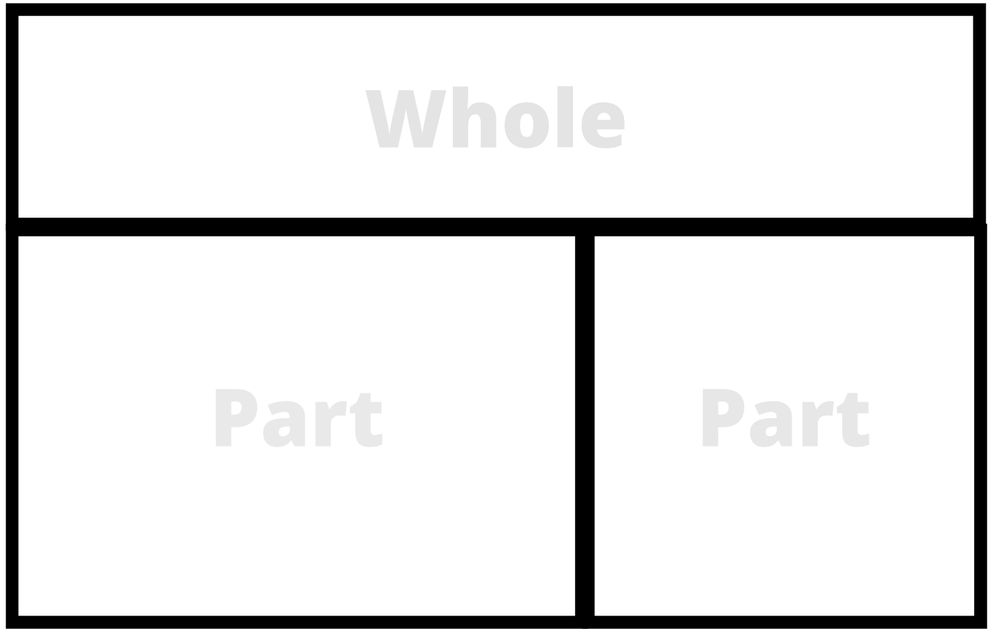
Exchange

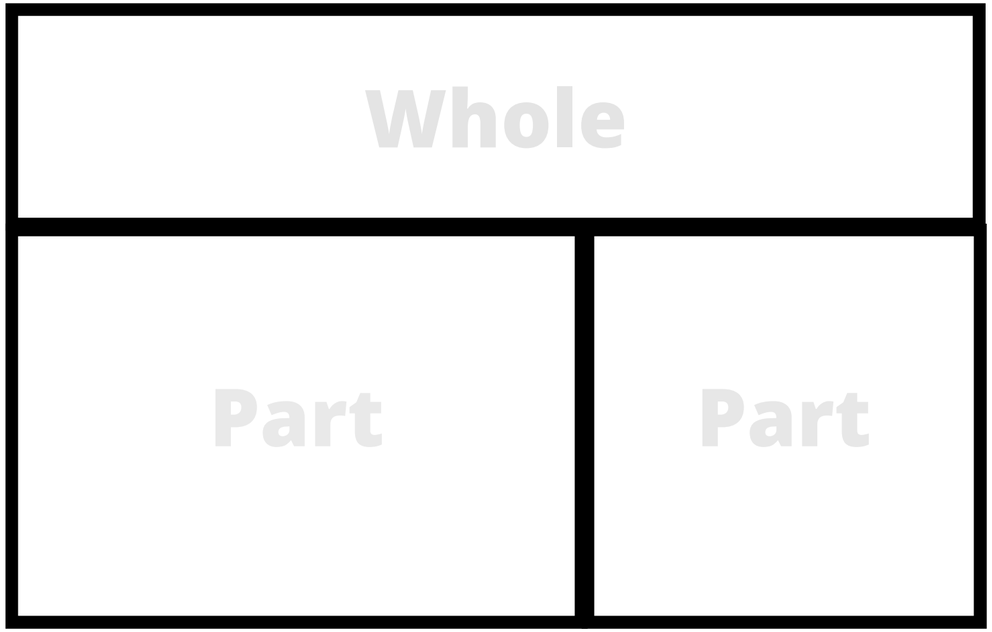
Whole

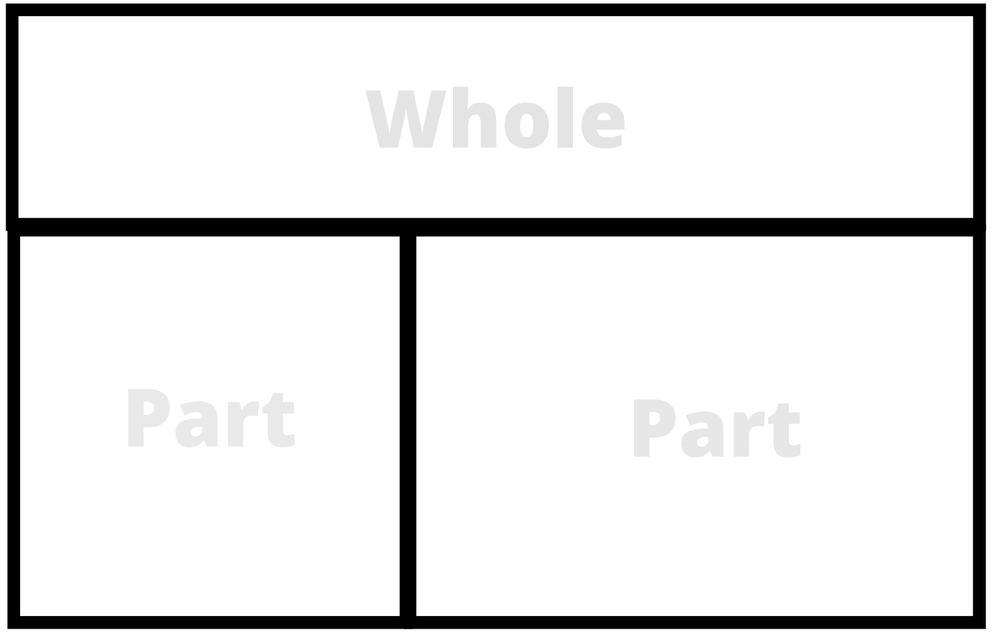
Part

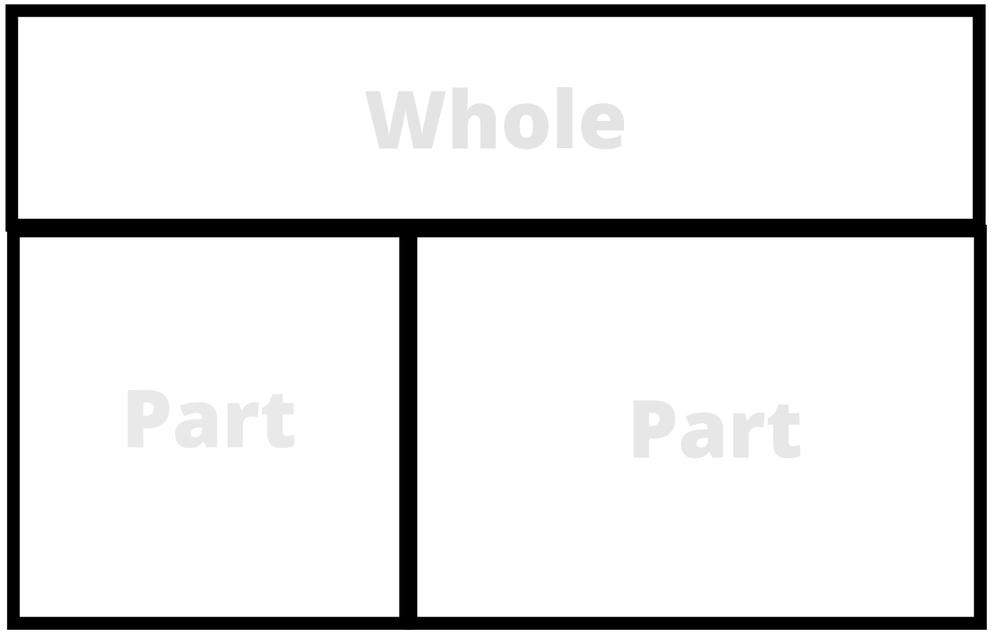
Part


Whole
Part
Part

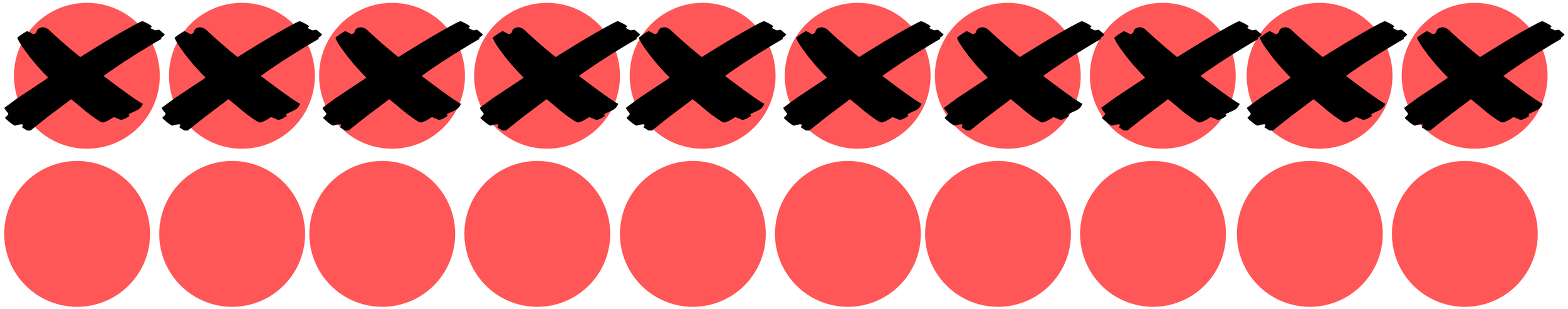

Whole
Part
Part

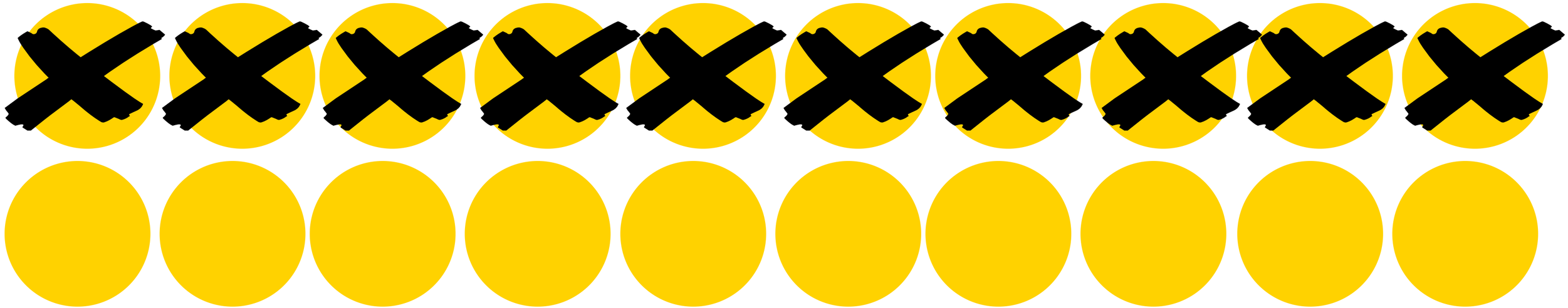

Whole
Part
Part

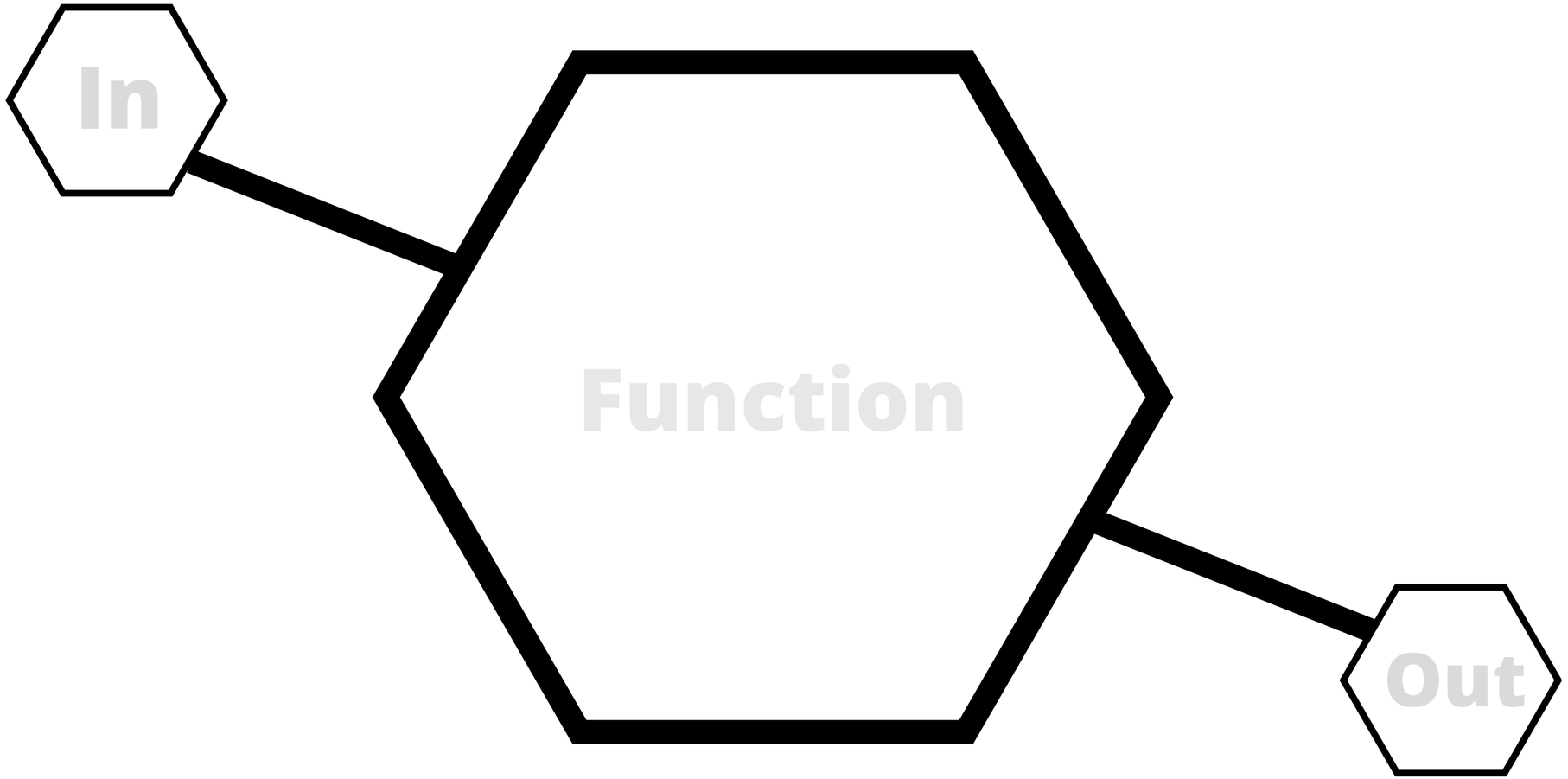

Whole
Part
Part

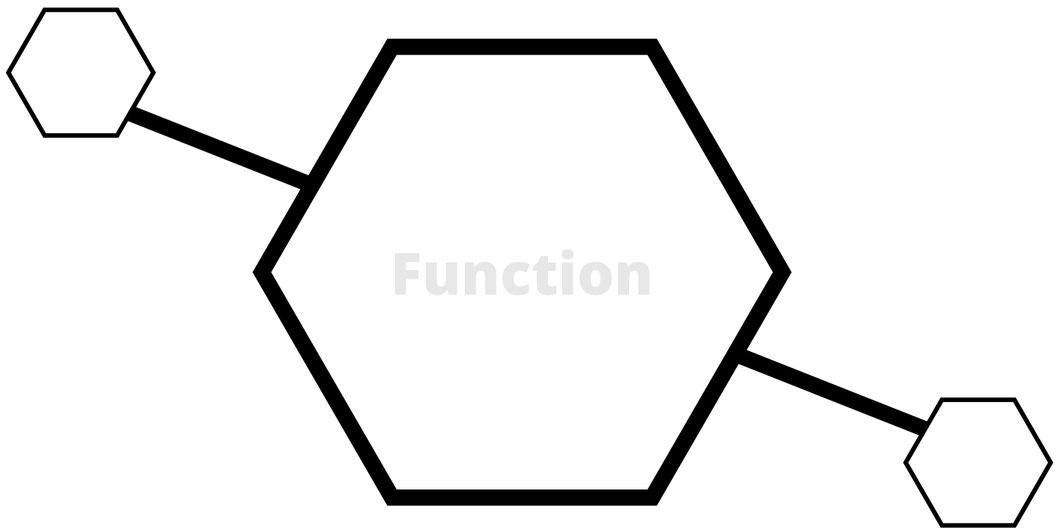

Whole
Part
Part

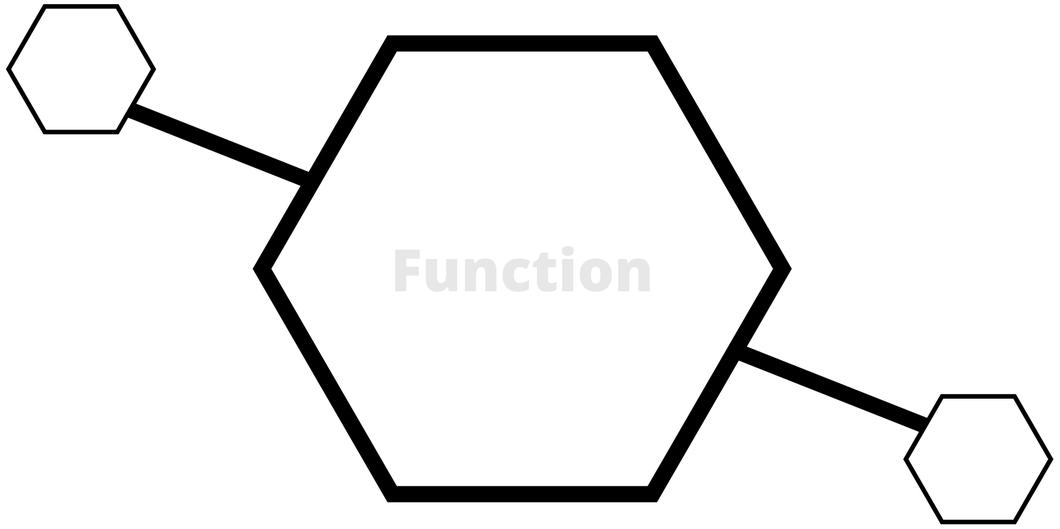
	Hundreds	Tens	Ones
	Part	Part	Part
+	Part	Part	Part

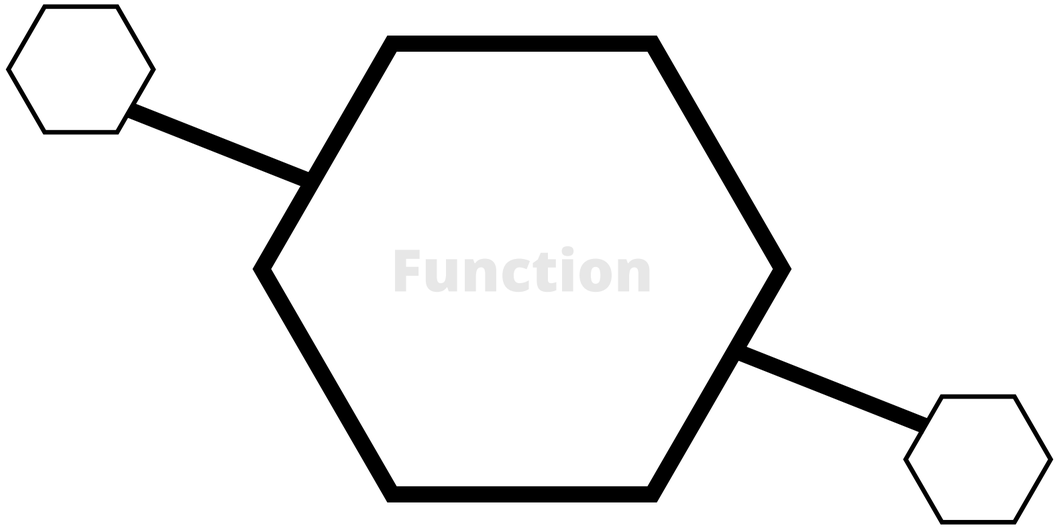


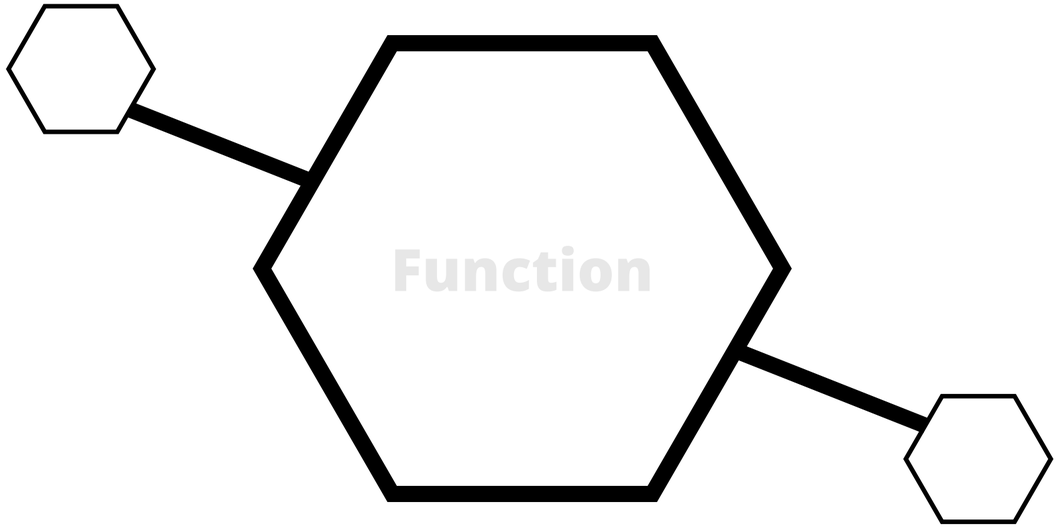



In
Function
Out


Function


Function


Function


Function

Digit cards

0 1 2 3

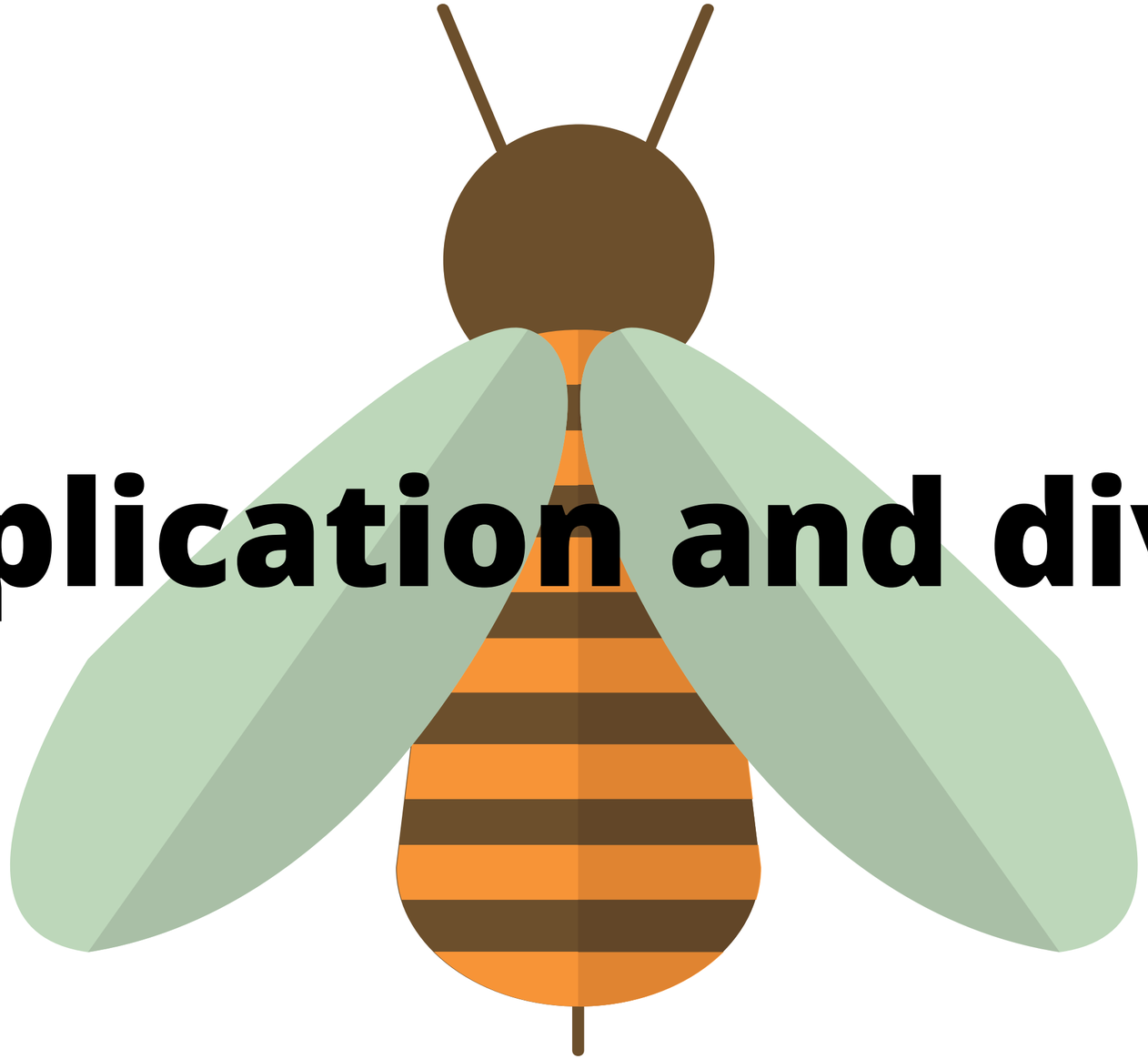
4 5 6 7

Digit cards

8

9

Multiplication and division



Times tables

Multiply

Equal groups

Multiple

Times

Divide

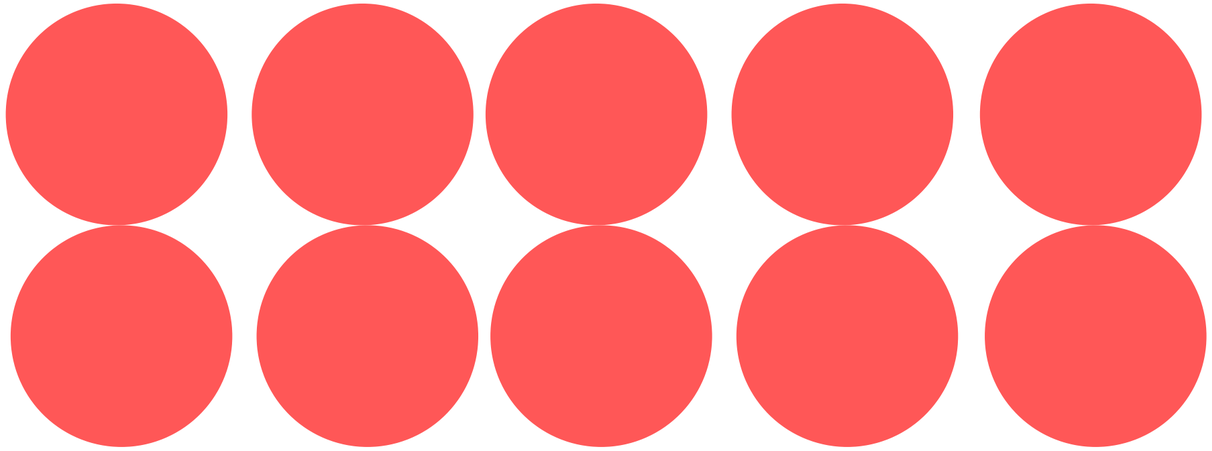
Array

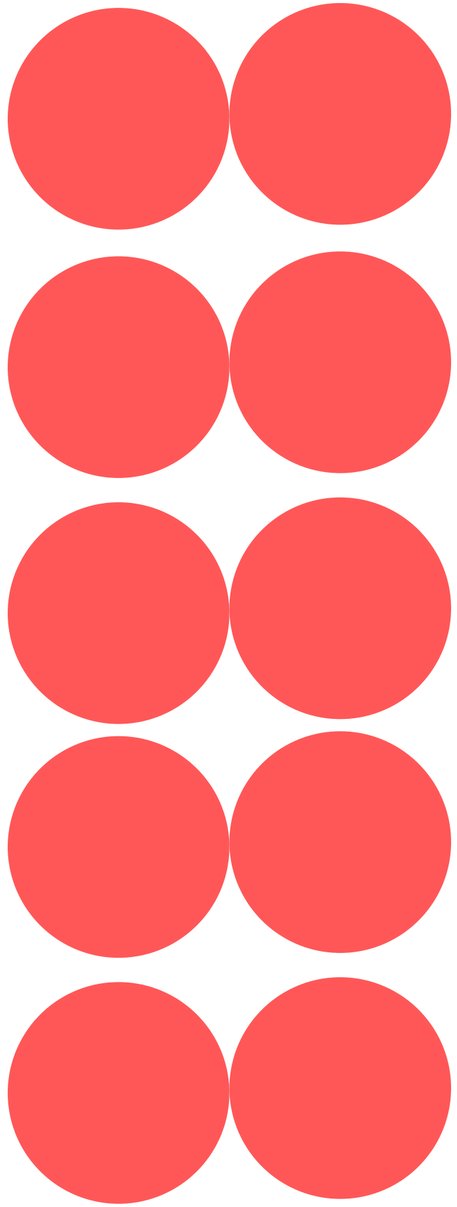
Bar model

Remainder

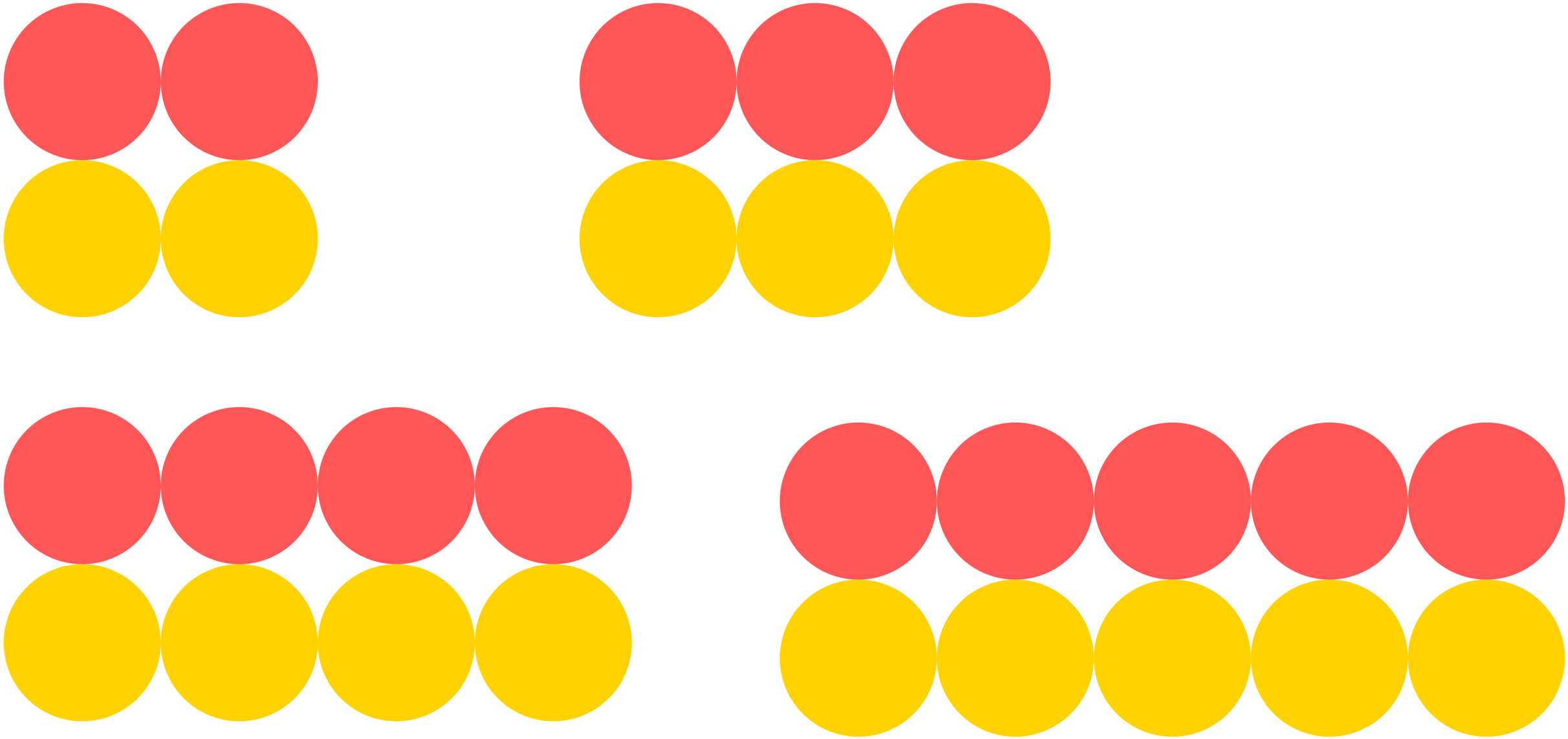
Repeated addition

Divison facts

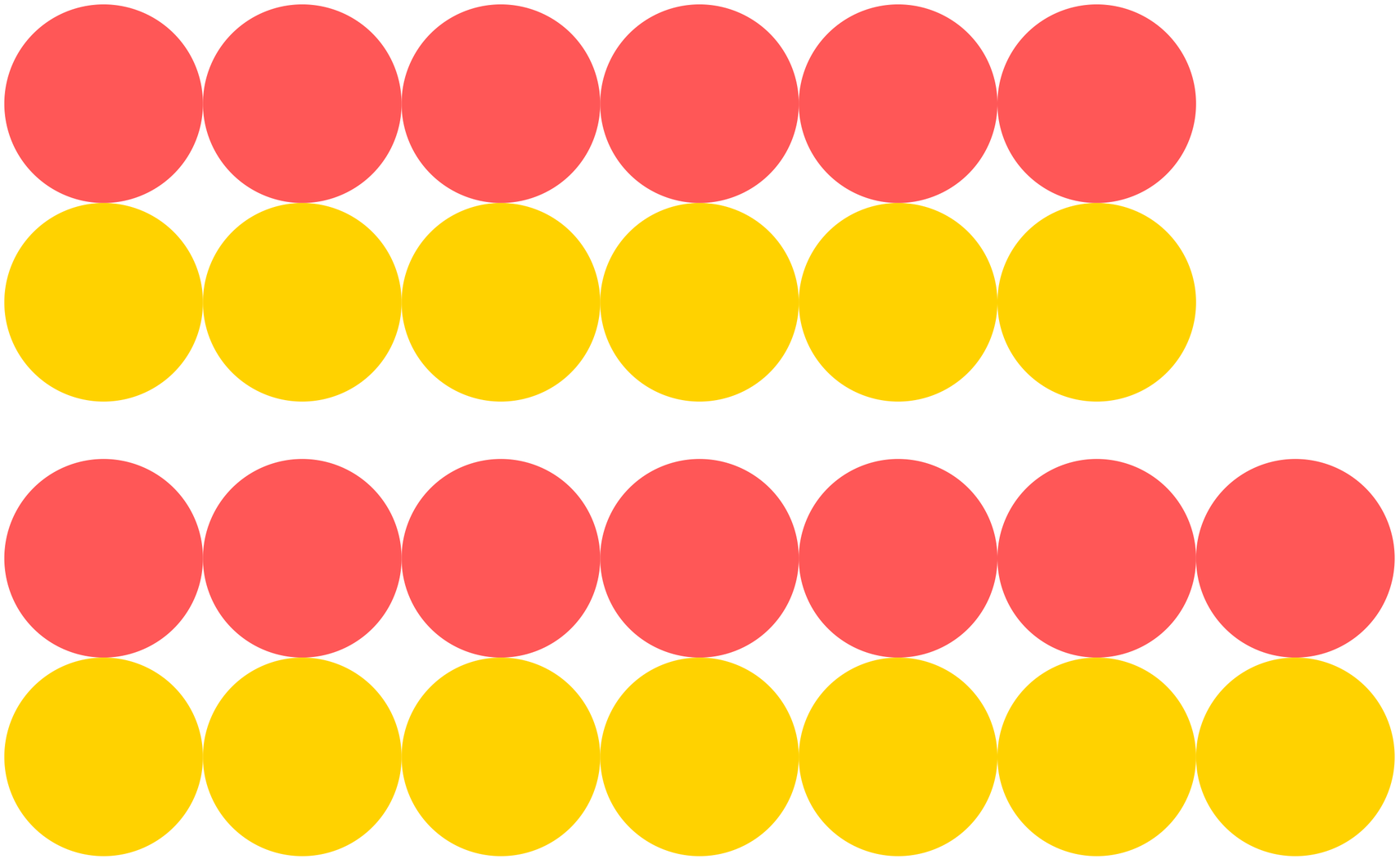




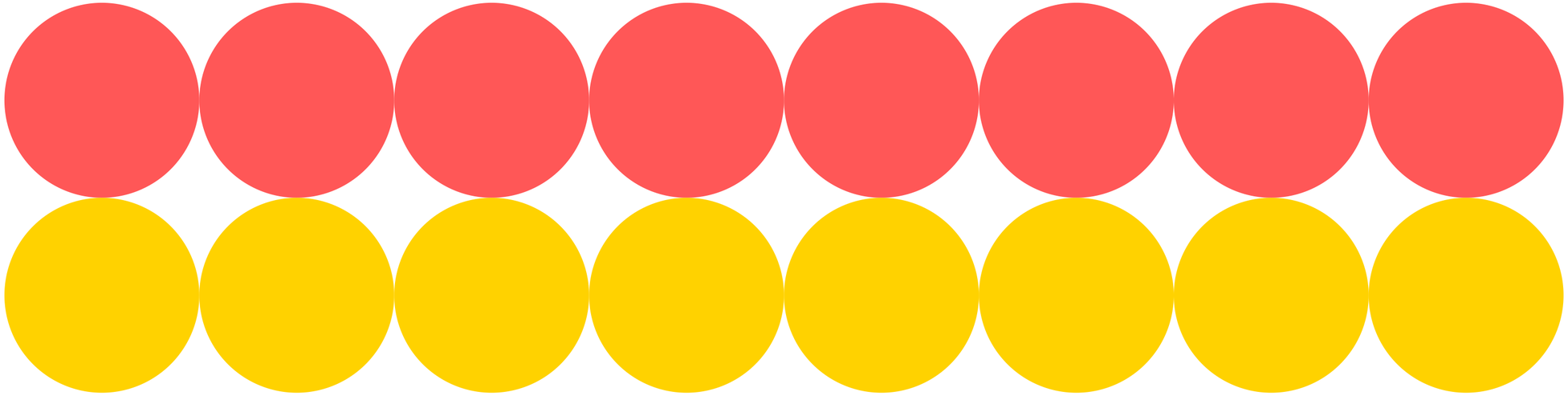
Arrays (Doubles)

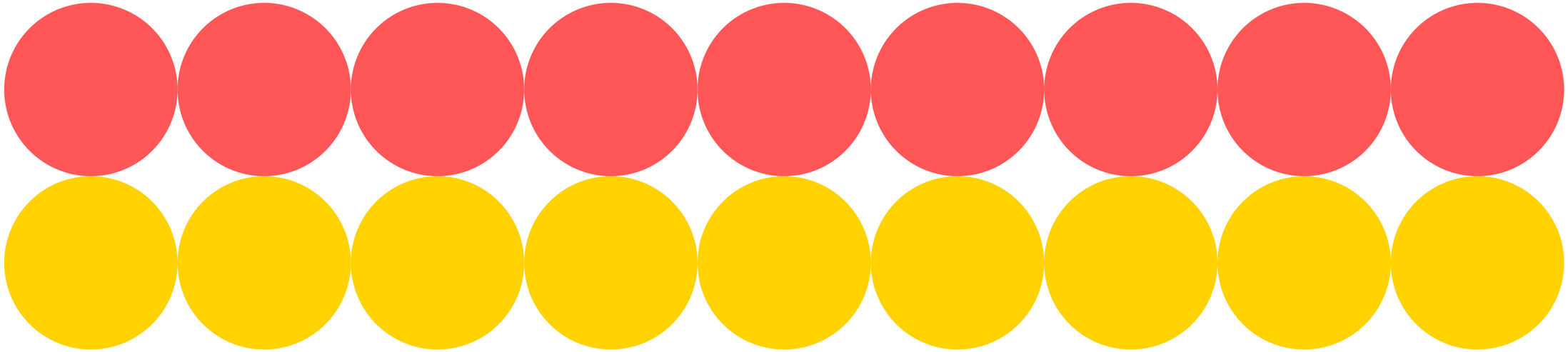


Arrays (Doubles/halves)

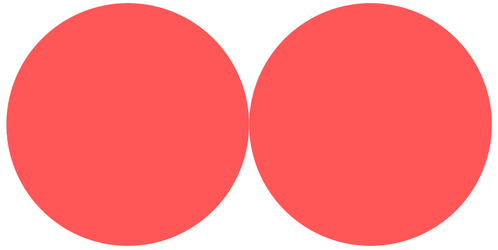


Arrays (Doubles/halves)

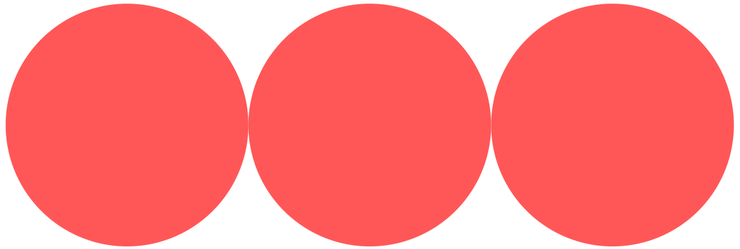




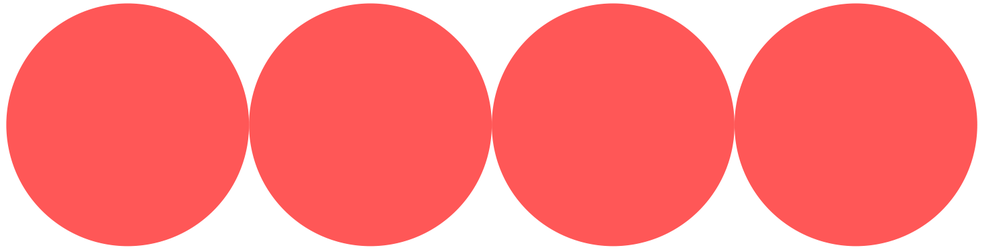
One group of 2



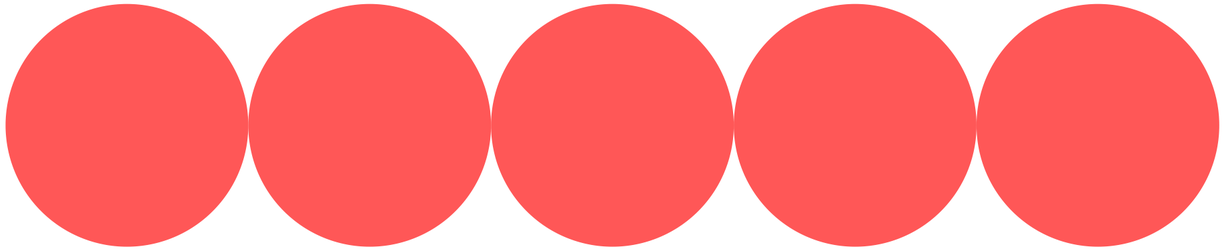
One group of 3



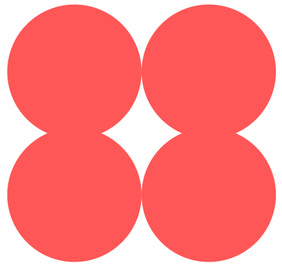
One group of 4



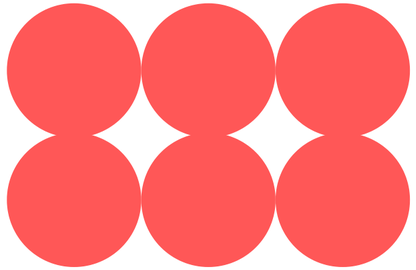
One group of 5



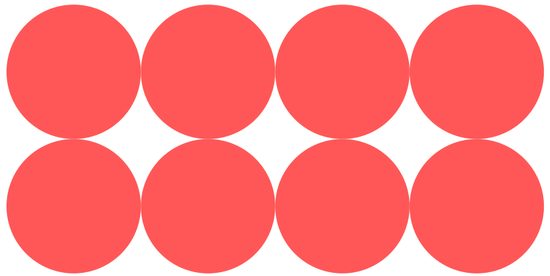
Two group of 2



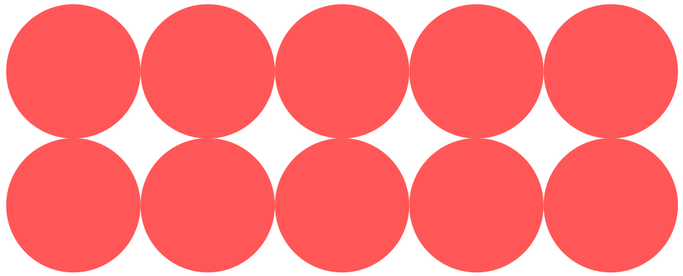
Two group of 3

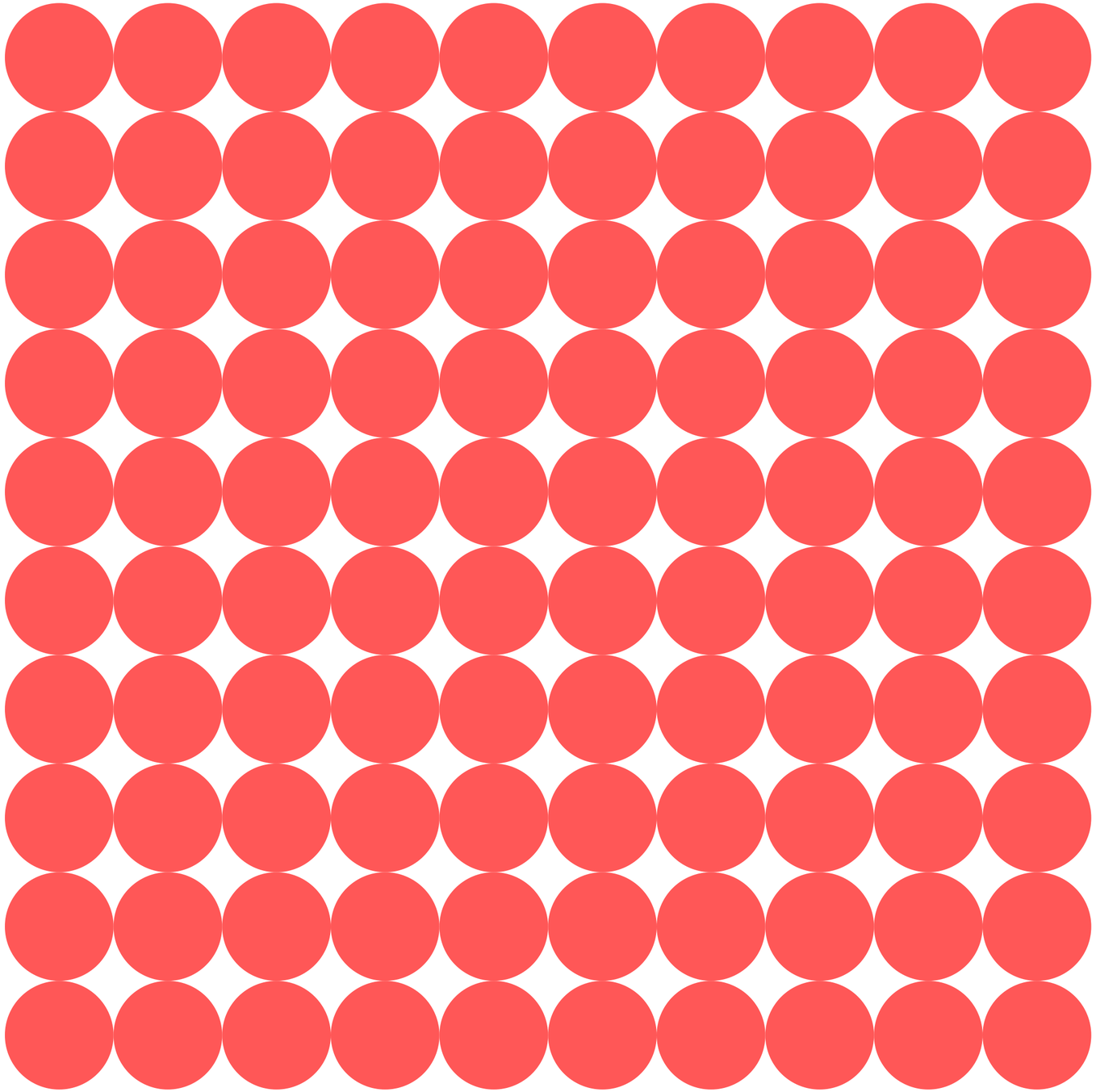


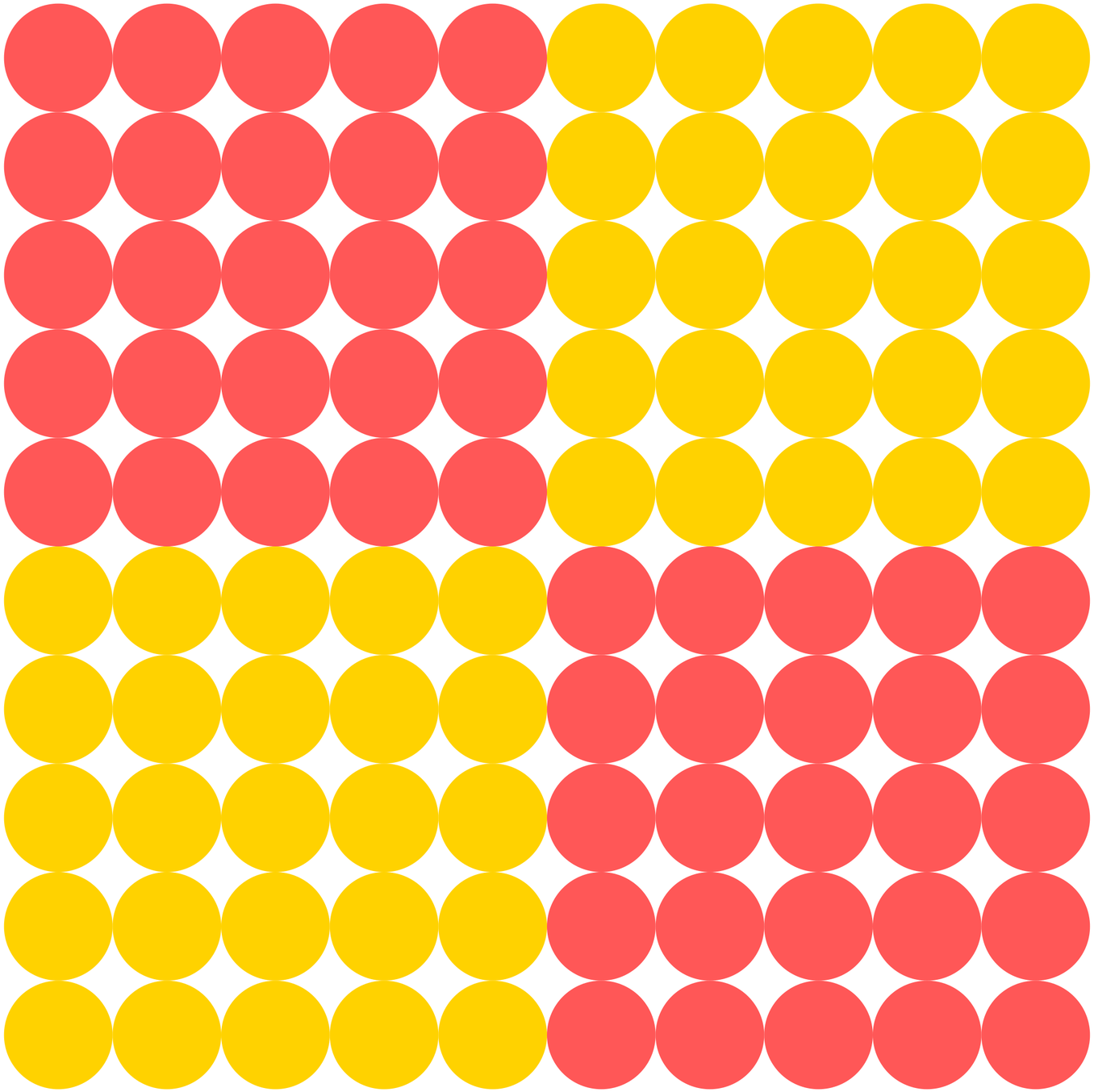
Two group of 4

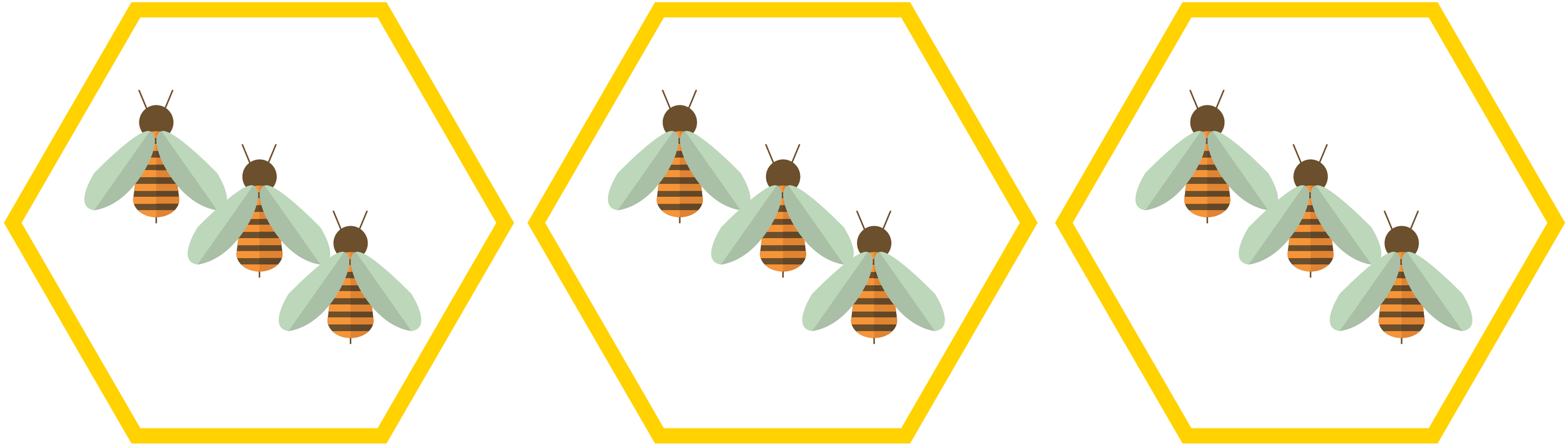


Two group of 5



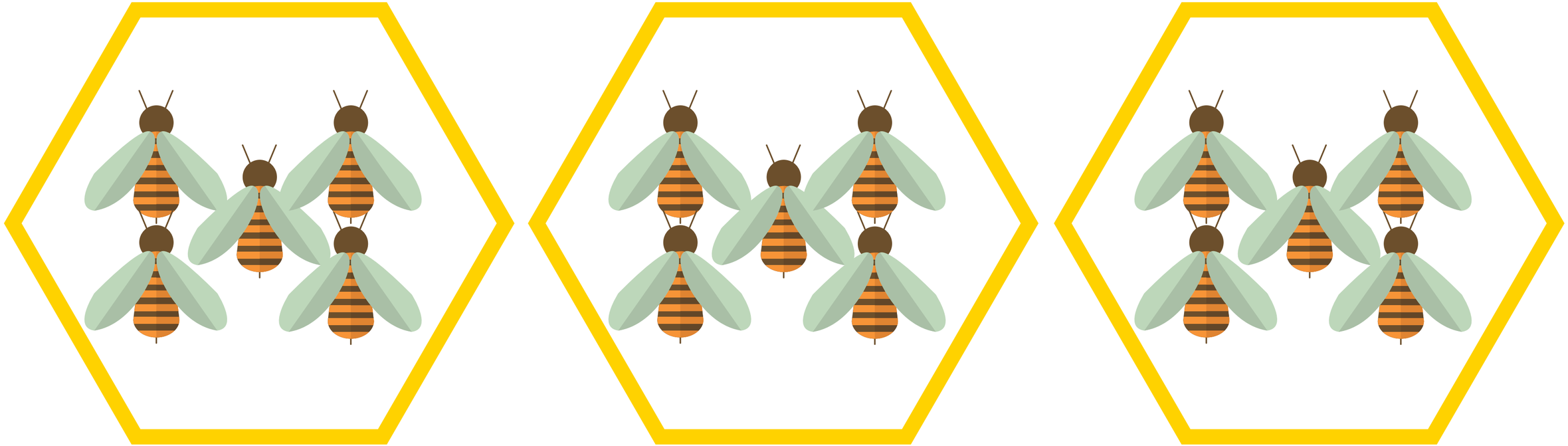






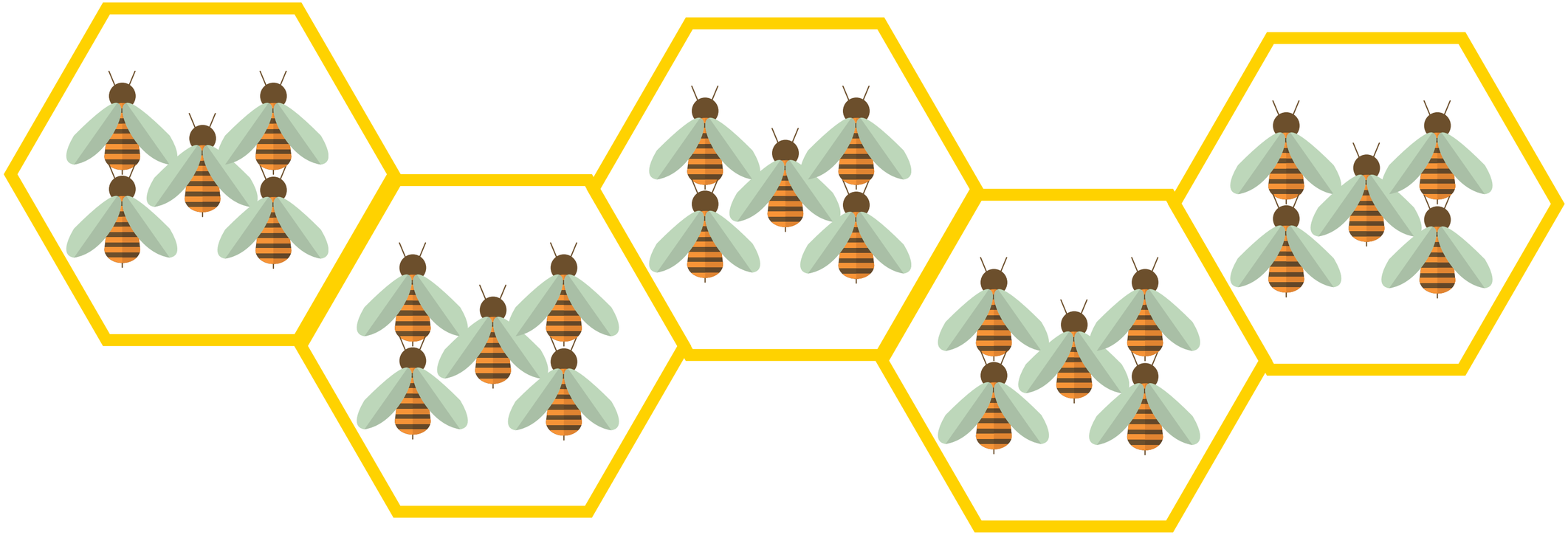
There are equal groups of

Each group contains bees.



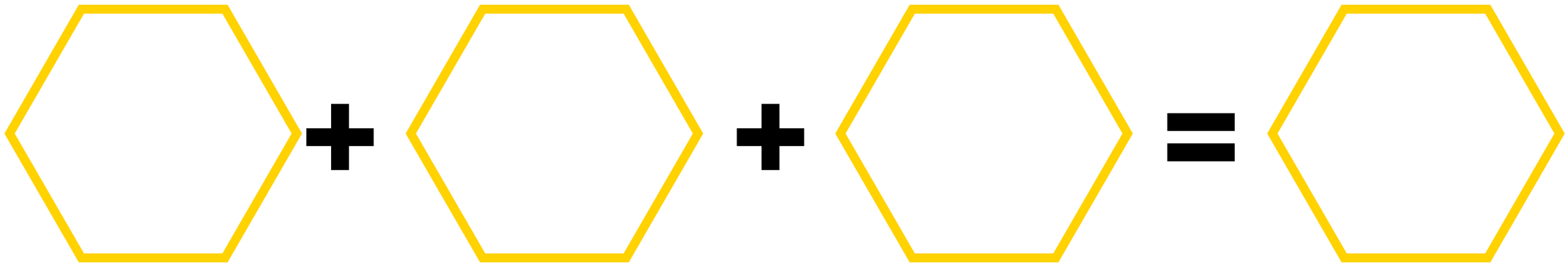
There are equal groups of

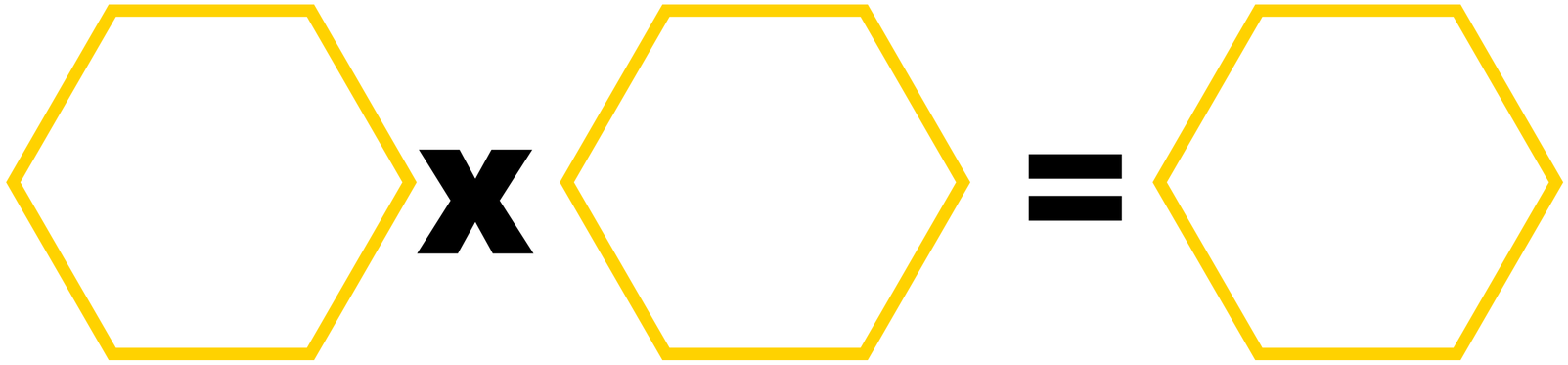
Each group contains bees.

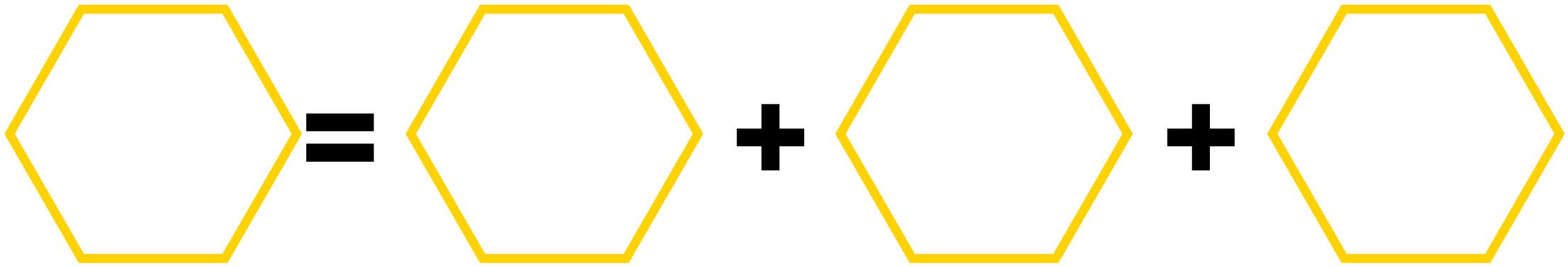


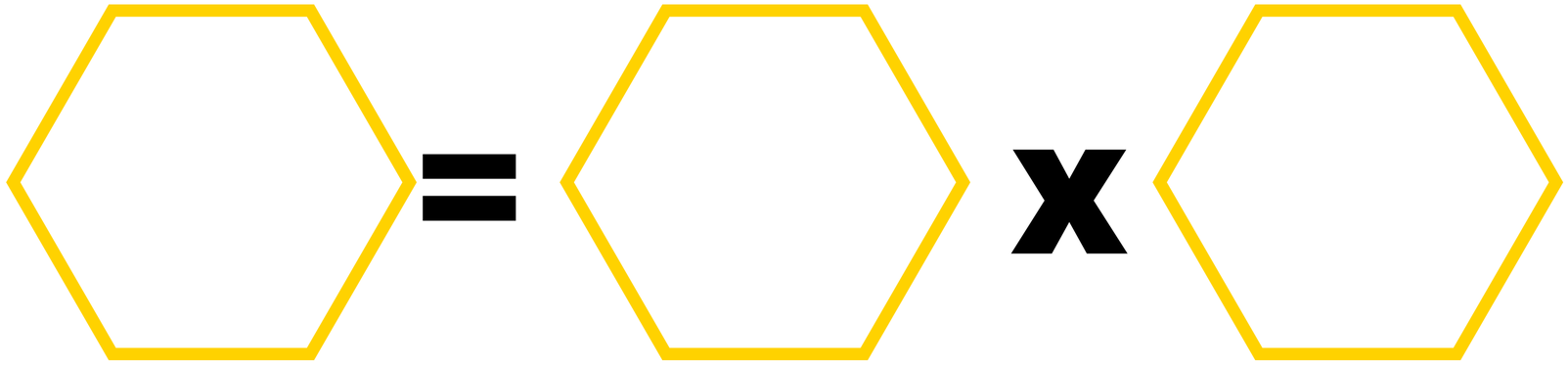
There are equal groups of

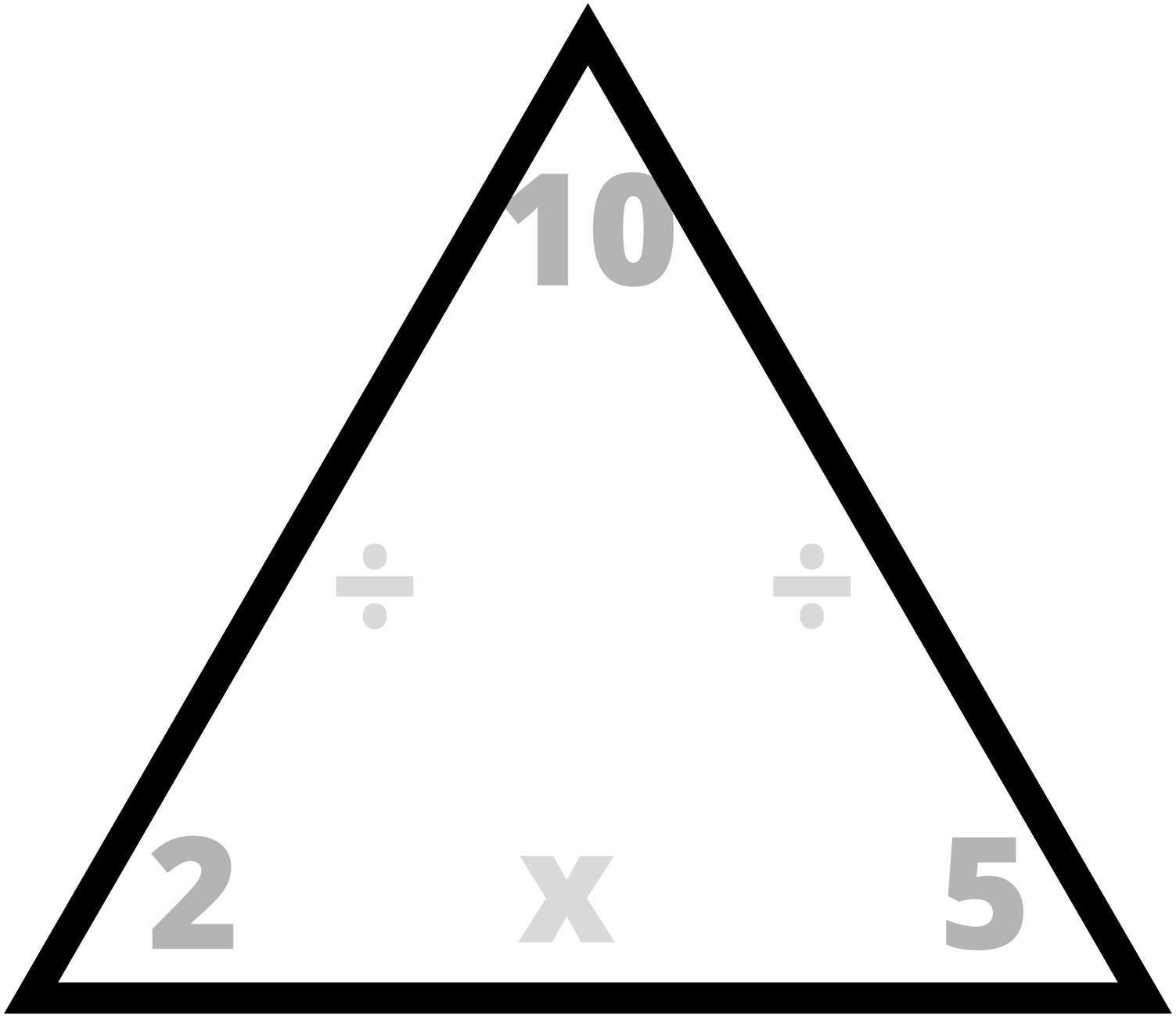
Each group contains bees.







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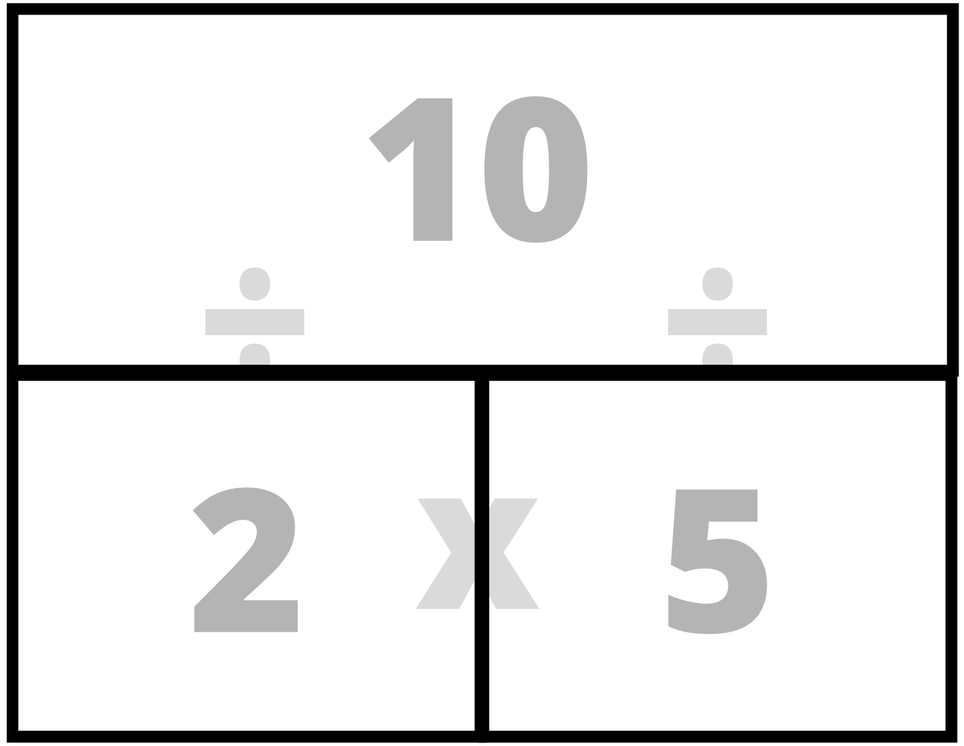
x
5


10
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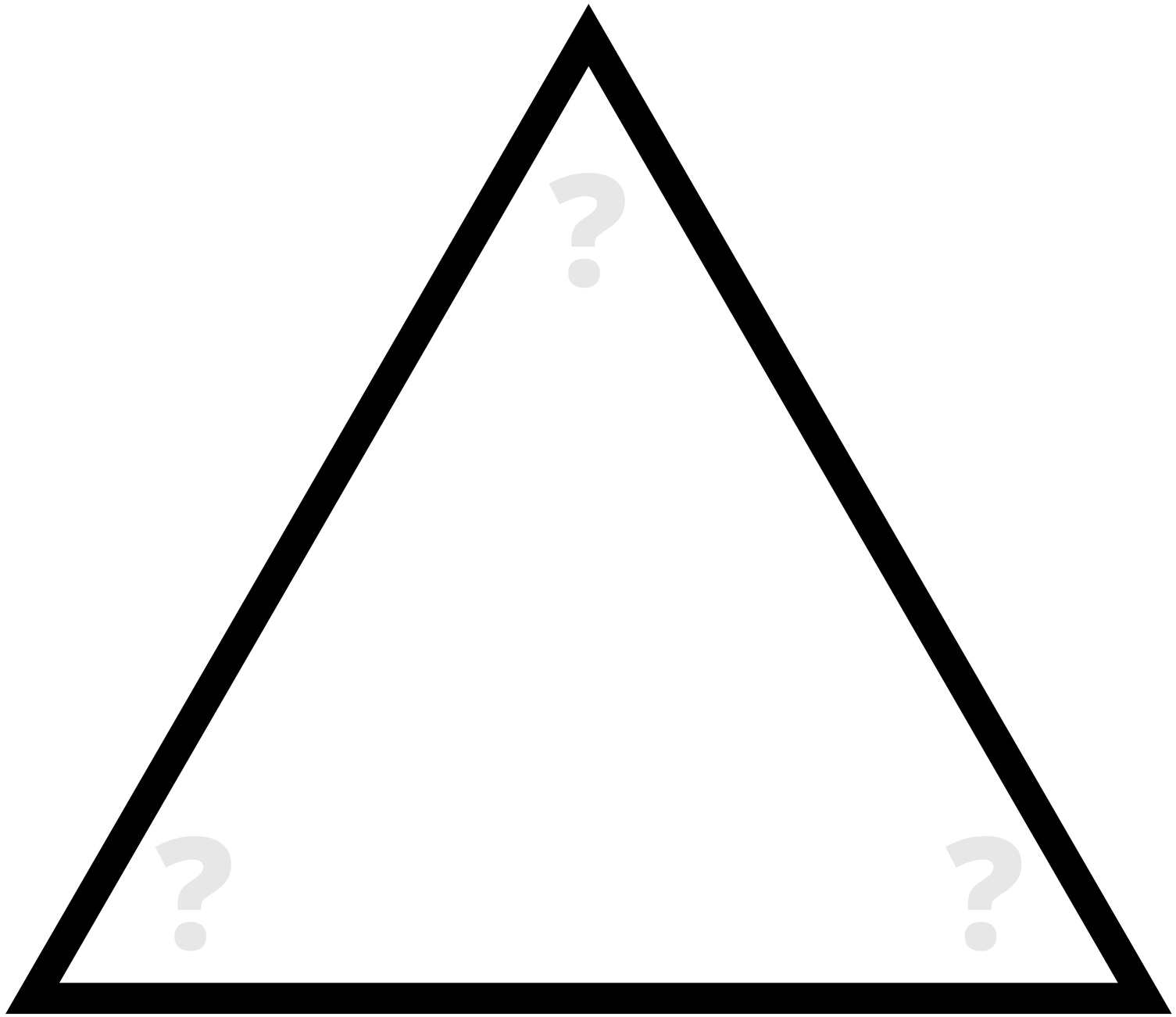
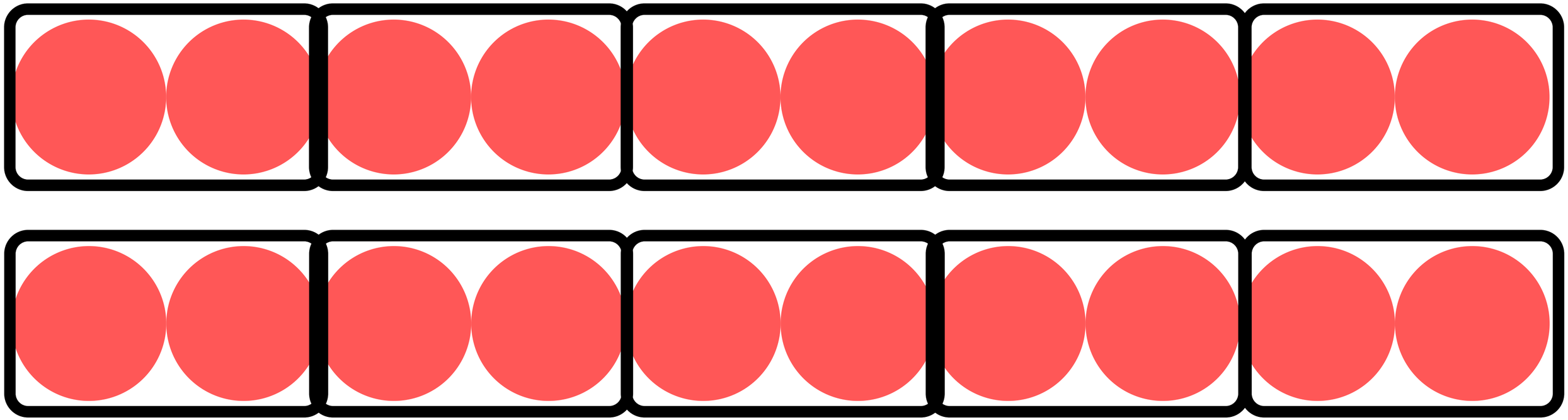


Groups of 2



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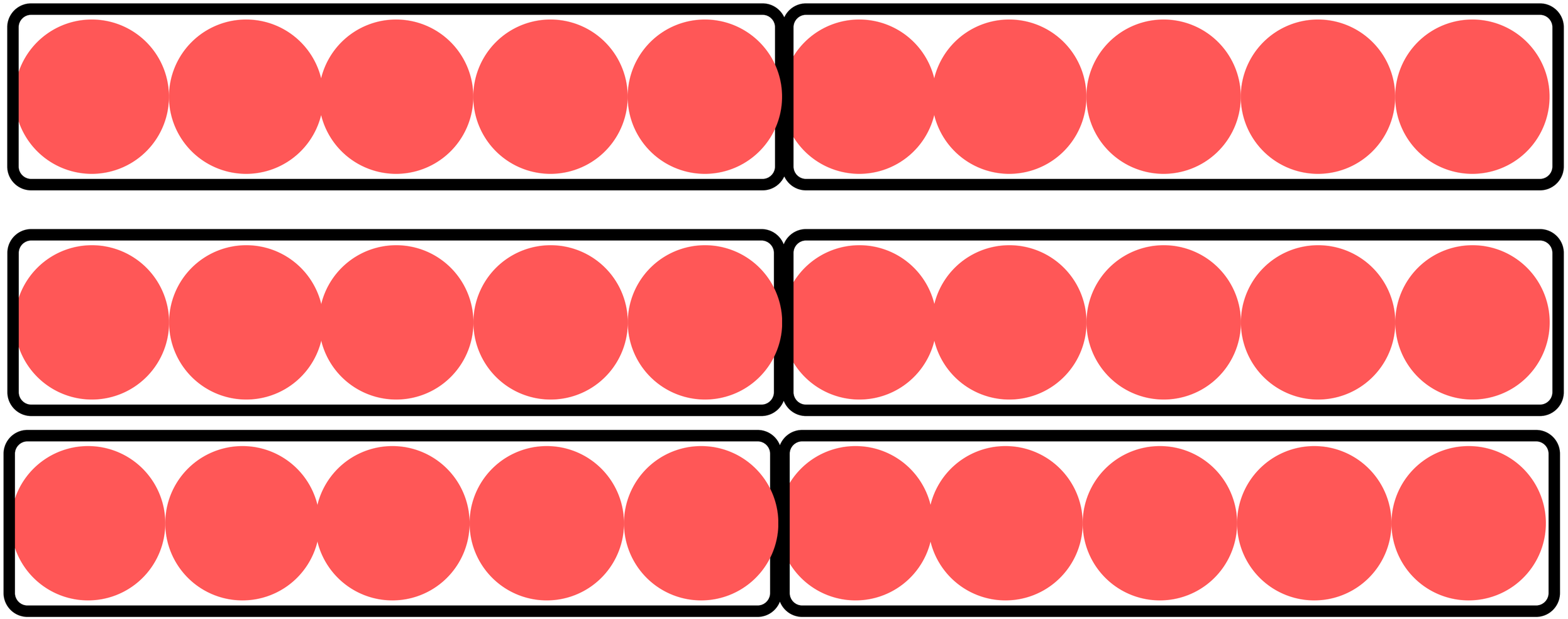
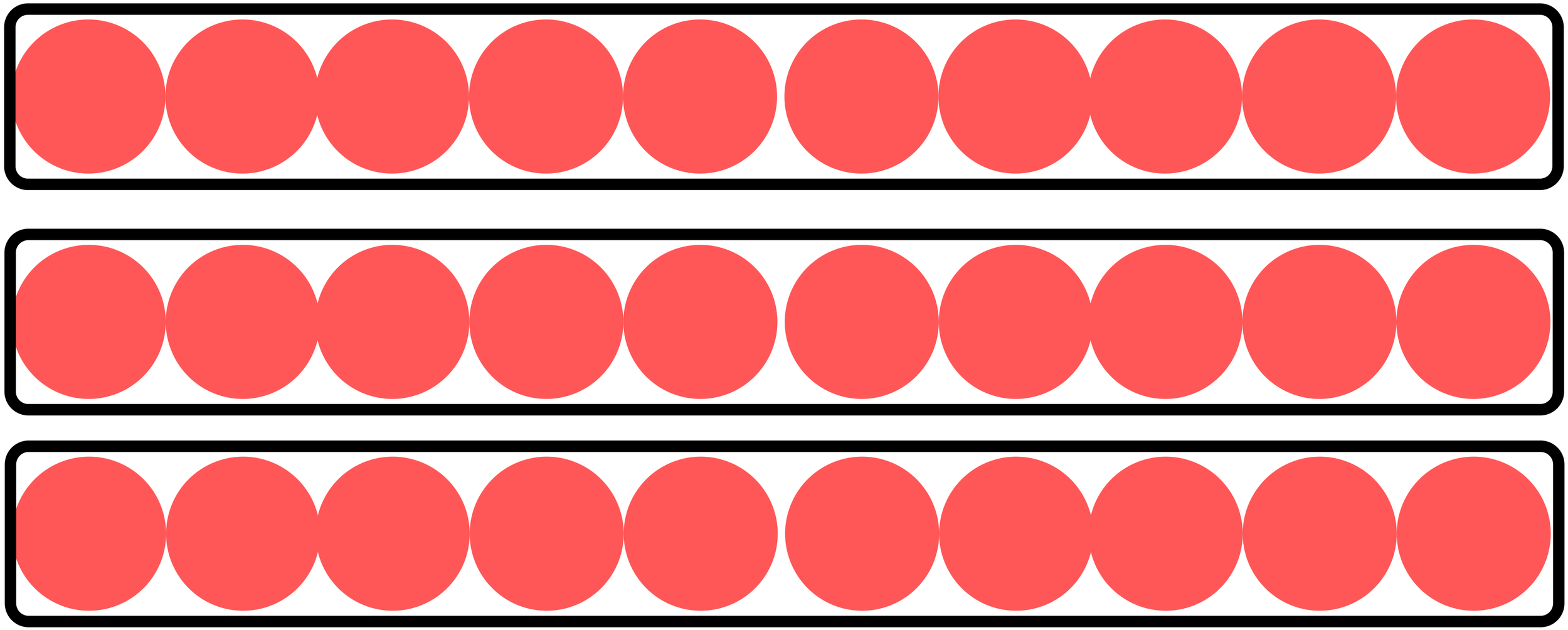
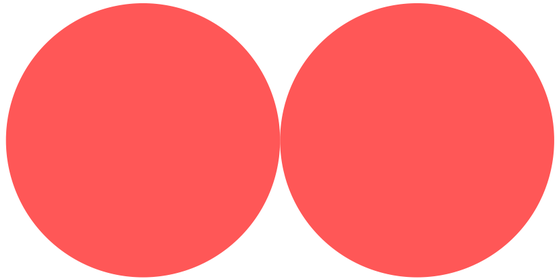
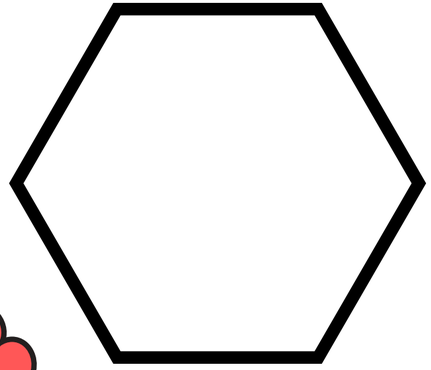


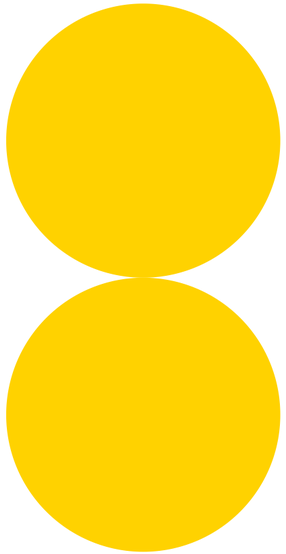
Groups of 10

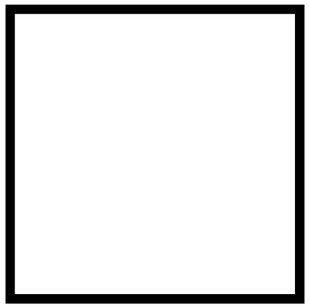


Even

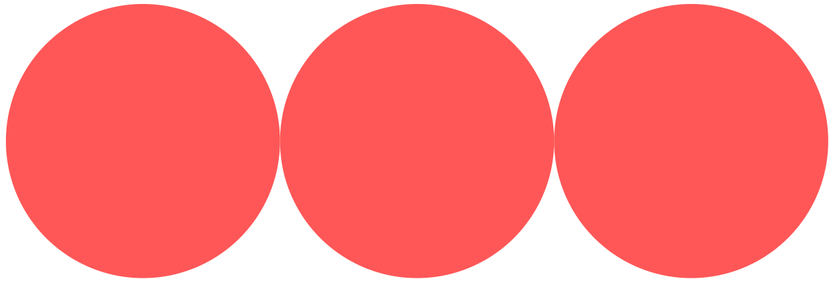


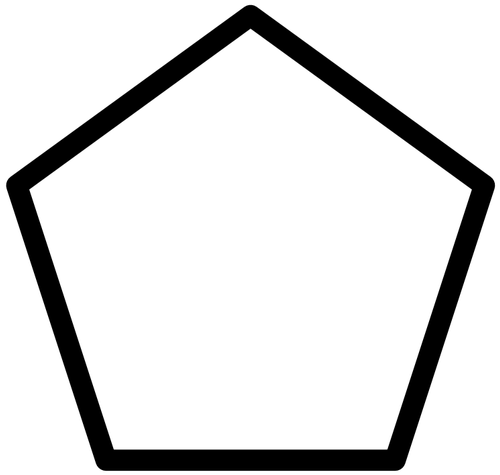


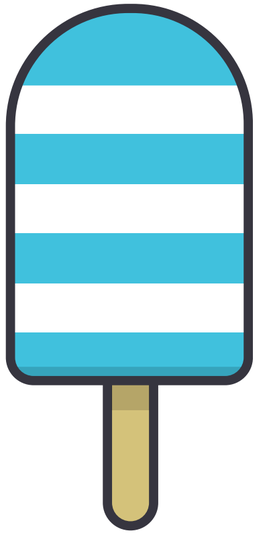


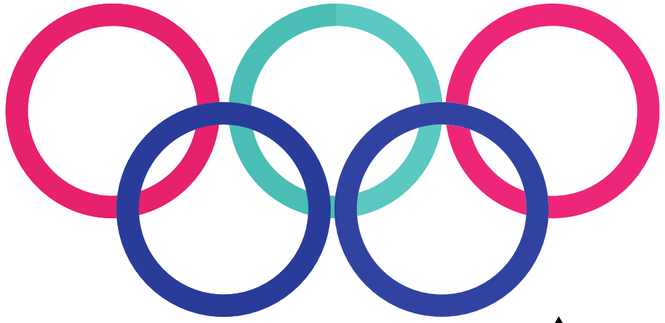


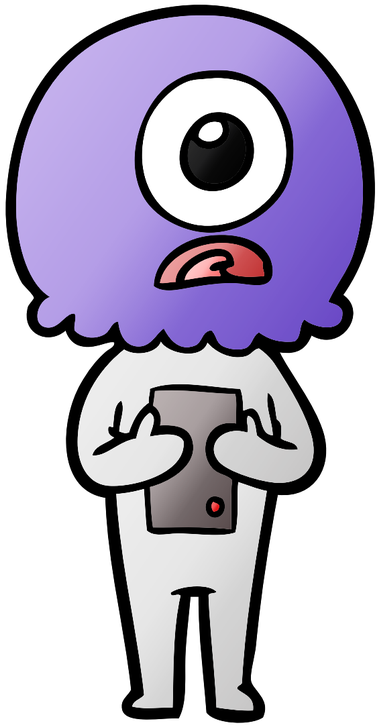
Odd

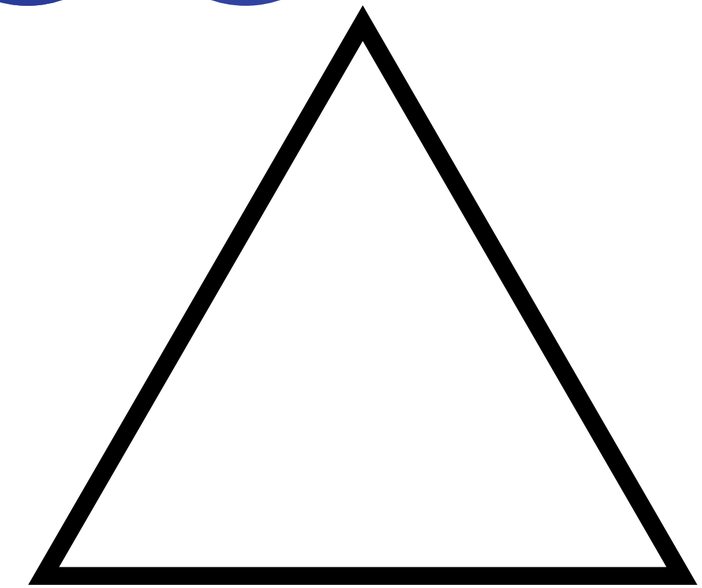


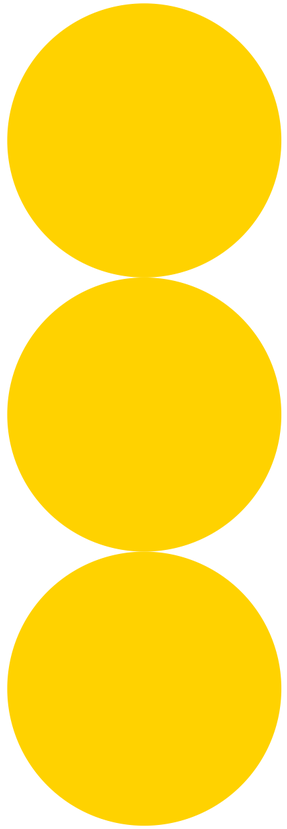












1 x 1= 1								
1 x 2 = 2	2 x 2 = 4							
1 x 3 = 3	2 x 3 = 6	3 x 3 = 9						
1 x 4 = 4	2 x 4 = 8	3 x 4 = 12	4 x 4 = 16					
1 x 5= 5	2 x 5 = 10	3 x 5 = 15	4 x 5 = 20	5 x 5 = 25				
1 x 6 = 6	2 x 6= 12	3 x 6= 18	4 x 6= 24	5 x 6= 30	6 x 6= 36			
1 x 7 = 7	2 x 7 = 14	3 x 7 = 21	4 x 7 = 28	5 x 7 = 35	6 x 7 = 42	7 x 7 = 49		
1 x 8 = 8	2 x 8 = 16	3 x 8 = 24	4 x 8 = 32	5 x 8 = 40	6 x 8 = 48	7 x 8 = 56	8 x 8 = 64	
1 x 9 = 9	2 x 9 = 18	3 x 9 = 27	4 x 9 = 36	5 x 9 = 45	6 x 9 = 54	7 x 9 = 63	8 x 9 = 72	9 x 9 = 81

1 x 1= 1

1 x 2 = 2

1 x 3= 3

1 x 4 = 4

1 x 5= 5

1 x 6= 6

1 x 7= 7

1 x 8= 8

1 x 9 = 9

2 x 2 = 4

2 x 3= 6

2 x 4 = 8

2 x 5= 10

2 x 6= 12

2 x 7= 14

2 x 8= 16

2 x 9 = 18

3 x 3= 9

3 x 4 = 12

3 x 5 =15

3 x 6 = 18

3 x 7= 21

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3 x 9 = 27

4 x 4 = 16

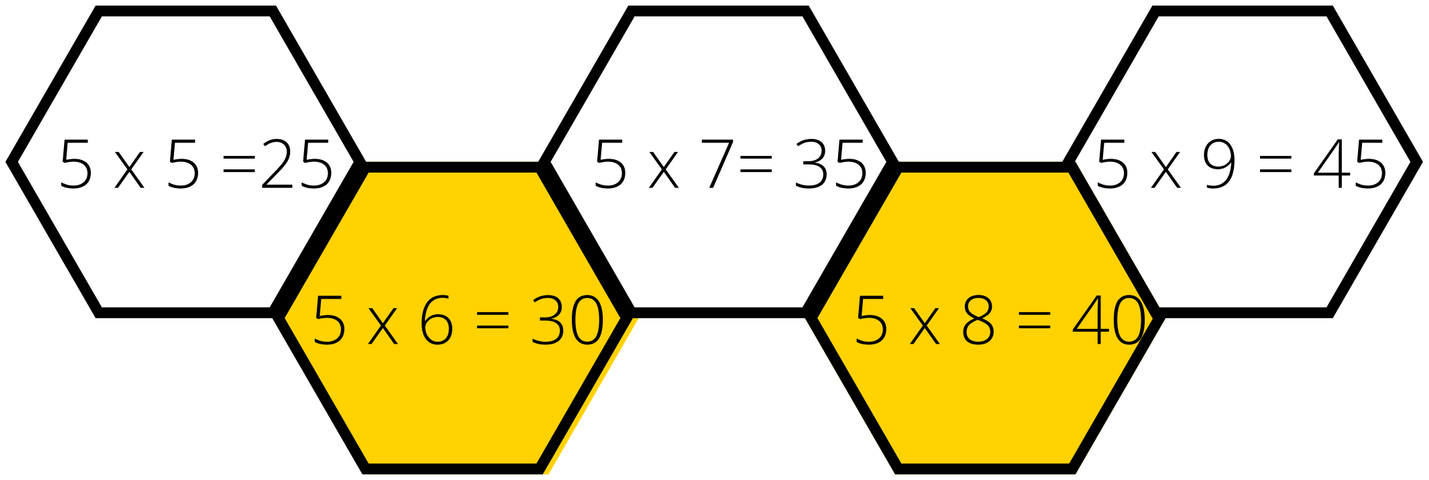
4 x 5= 20

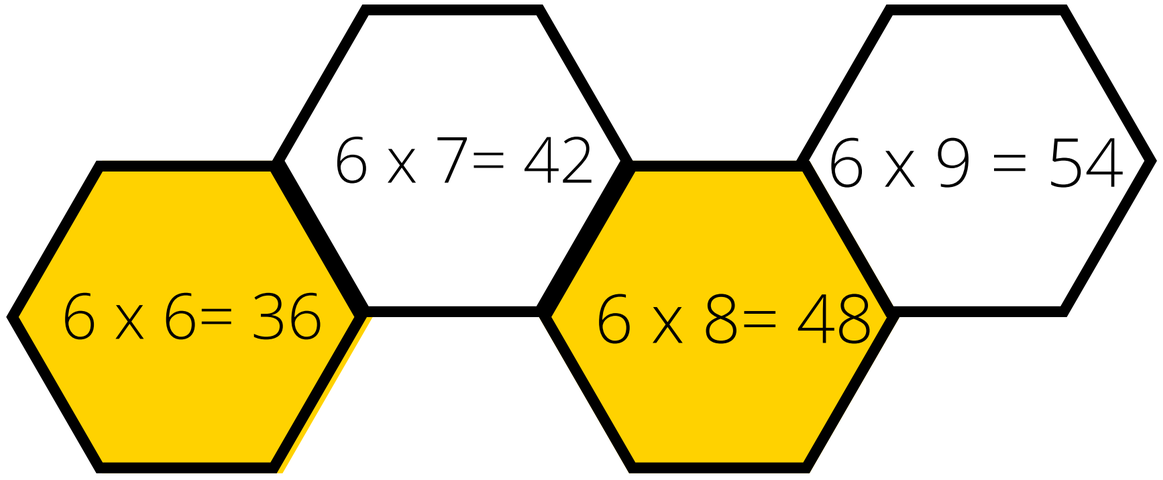
4 x 6= 24

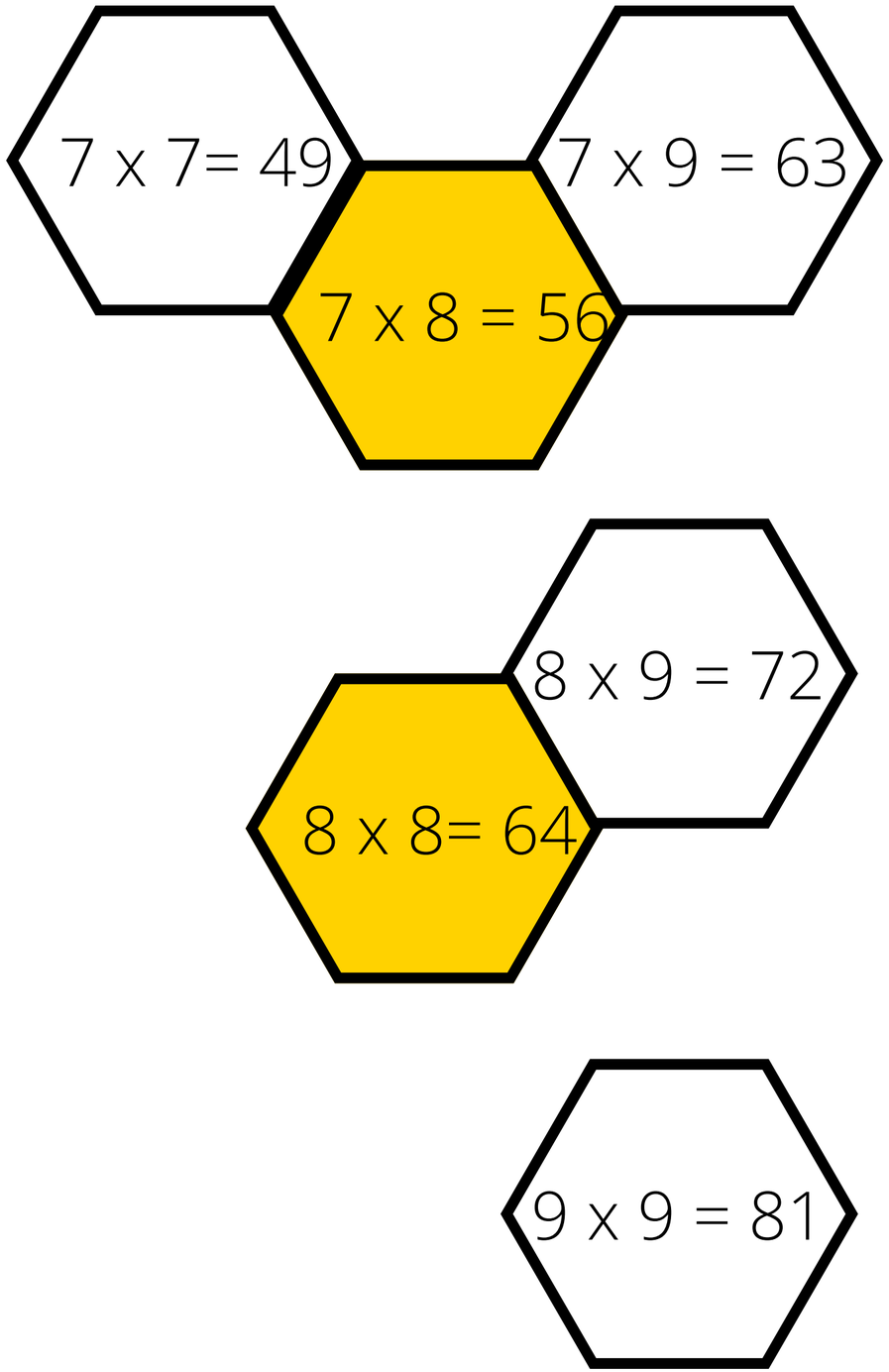
4 x 7= 28

4 x 8= 32

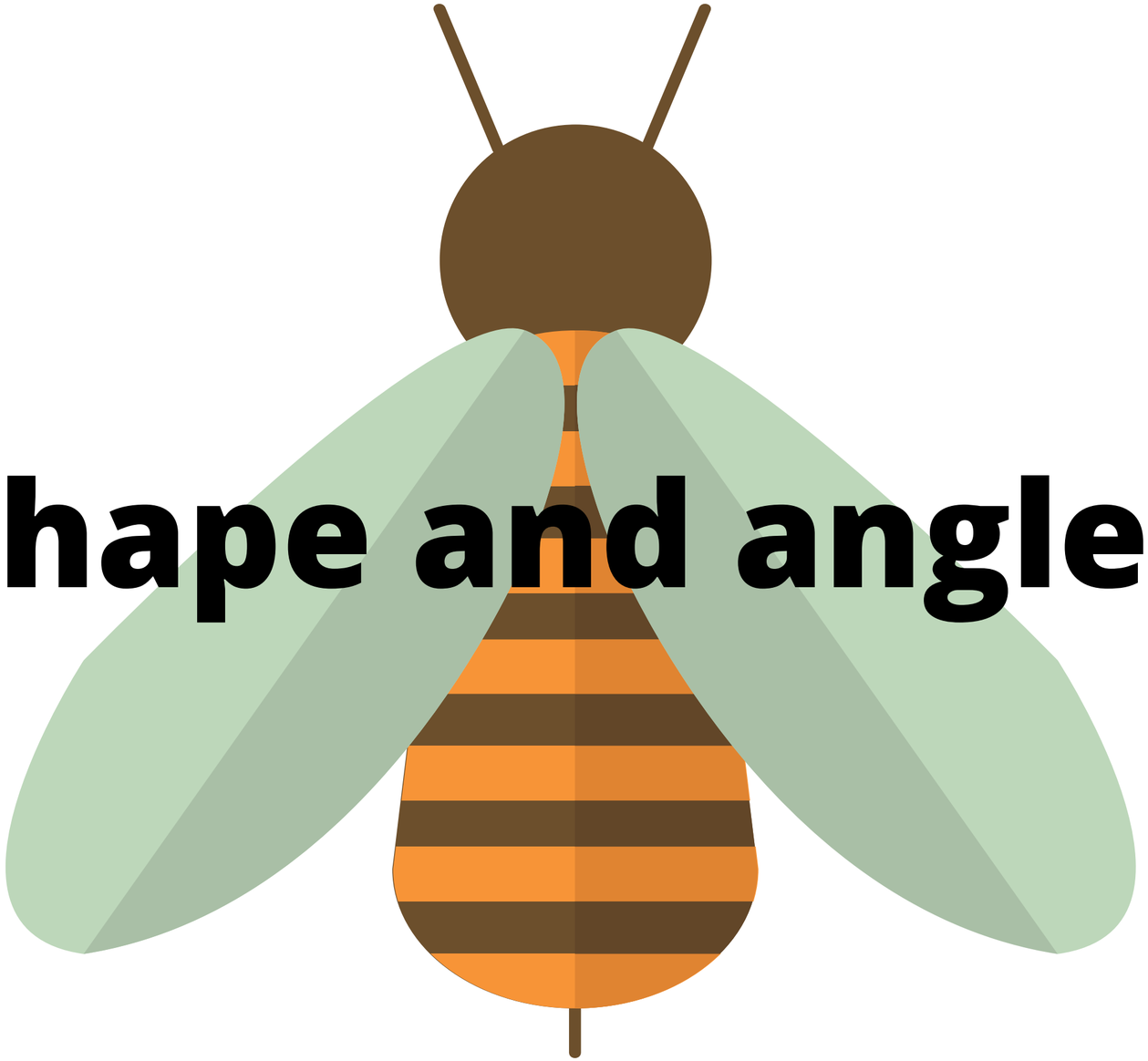
4 x 9 = 36


5 x 5 =25
5 x 7= 35
5 x 9 = 45
5 x 6 = 30
5 x 8 = 40


6 x 7= 42
6 x 9 = 54
6 x 6= 36
6 x 8= 48


7 x 7= 49
7 x 9 = 63
7 x 8 = 56
8 x 9 = 72
8 x 8= 64
9 x 9 = 81

Shape and angles



3D shape

2D shape

Cube

Cuboid

Sphere

Pyramid

Cylinder

Cone

Circle

Triangle

Rectangle

Square

Faces

Angle

Acute

Obtuce

Parallel

Perpendicular

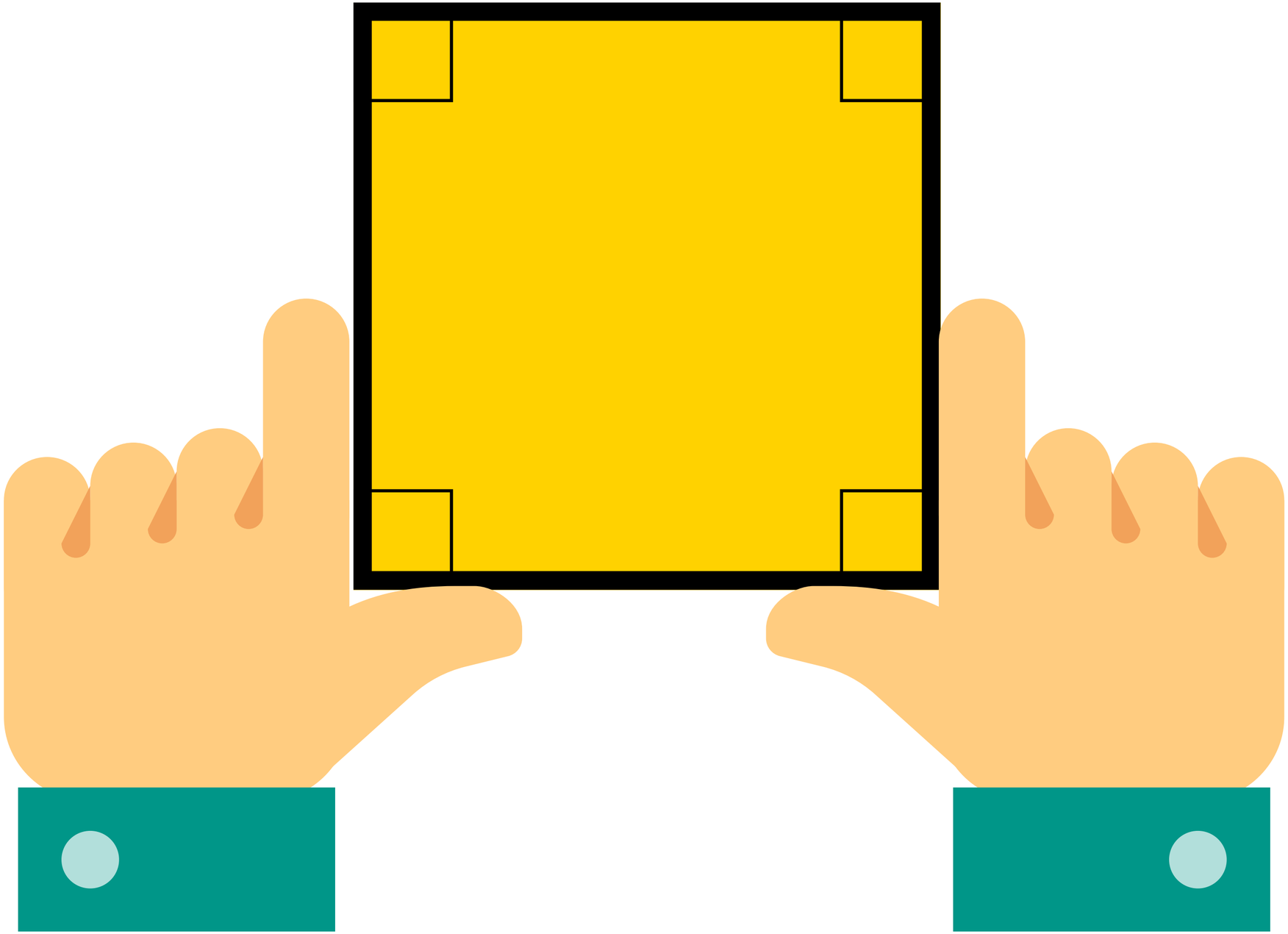
Verticle

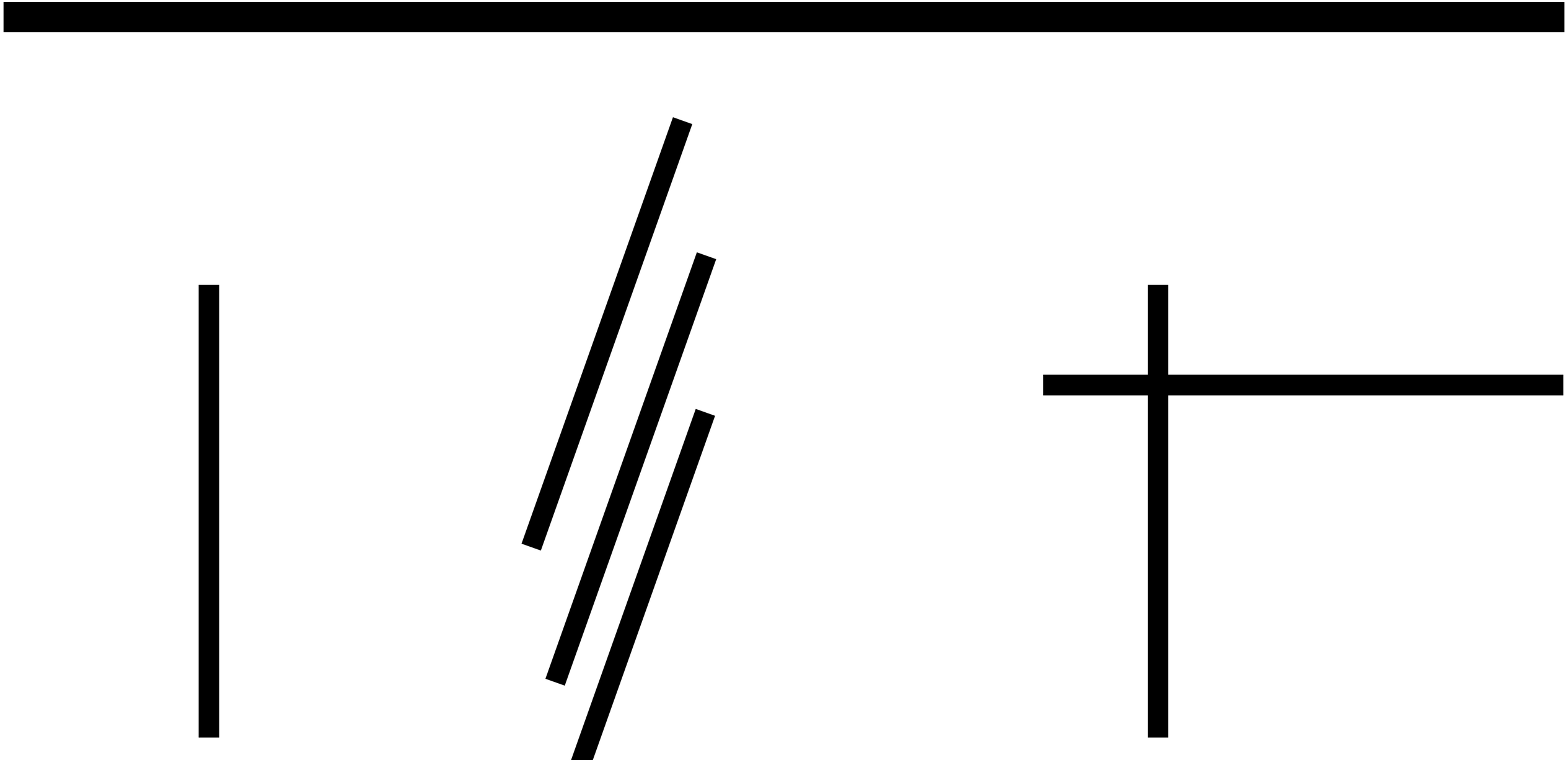
Horizontal

Clockwise

Anti-clockwise

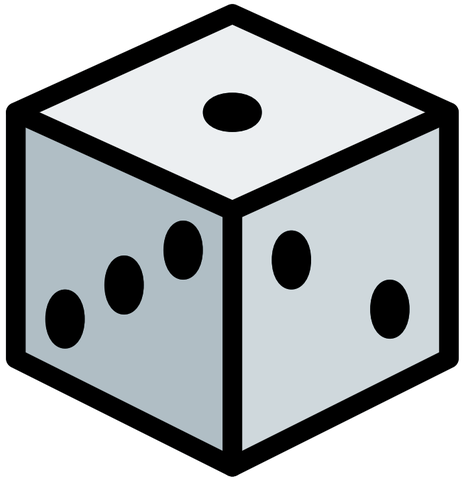
Direction



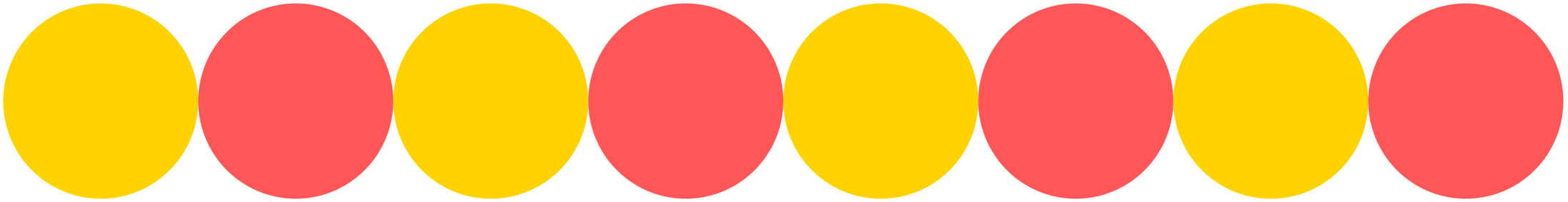


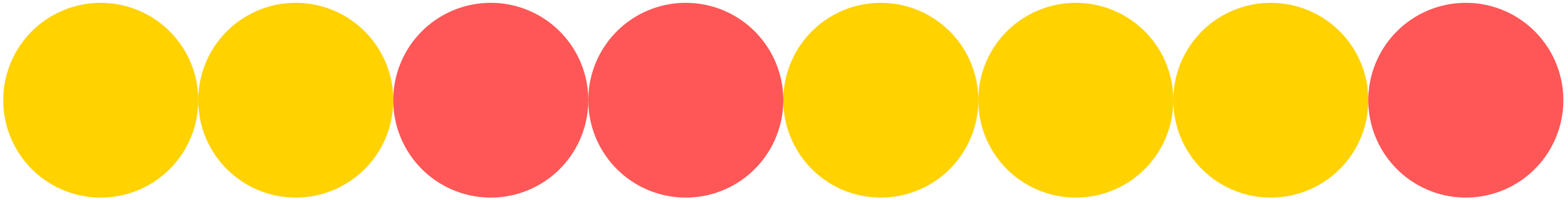
Name the shapes

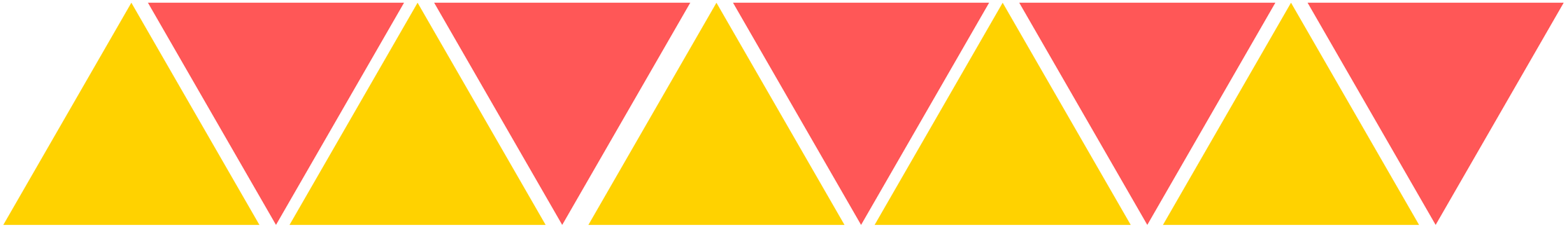
Name the shapes



Patterns

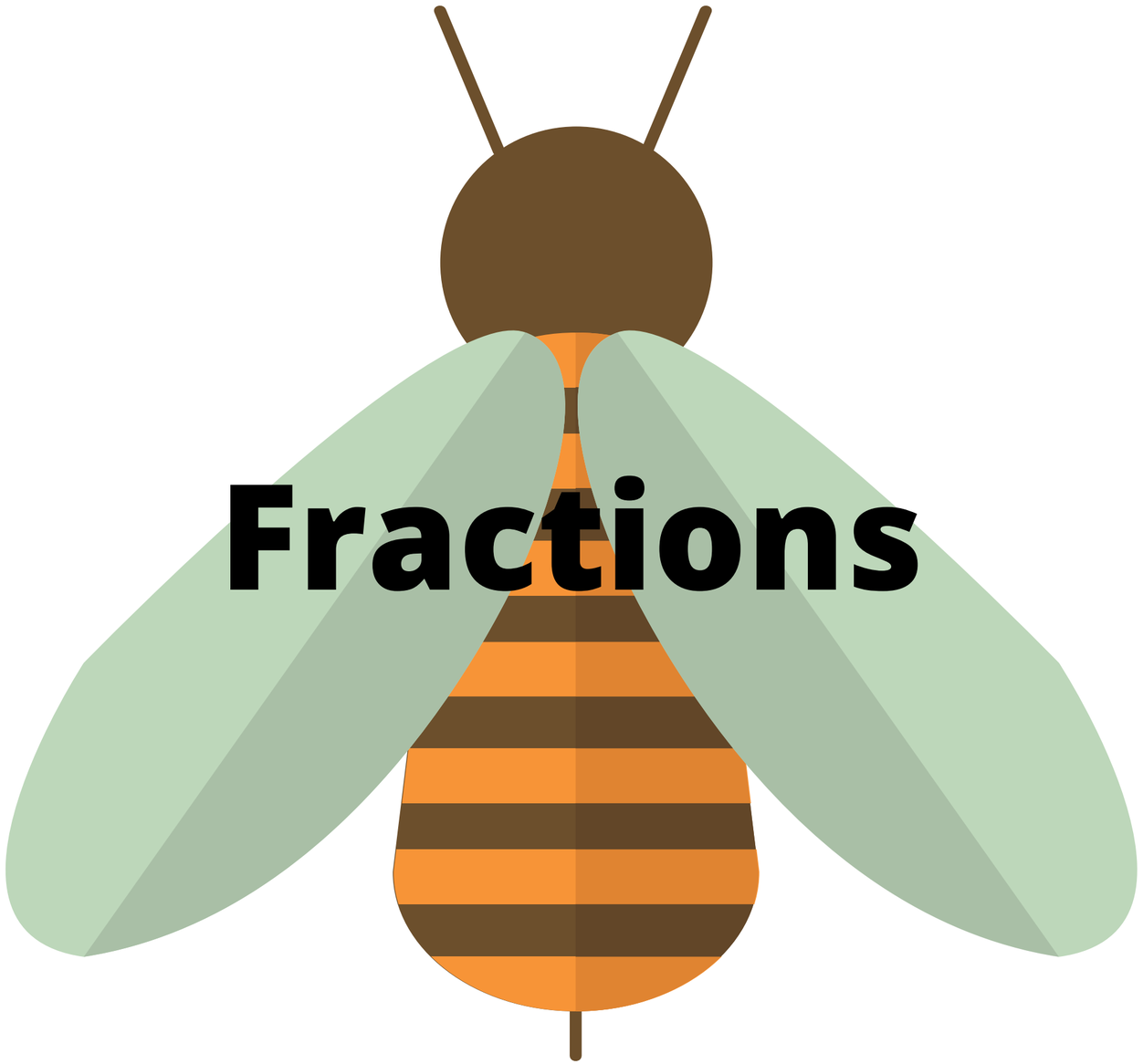






Patterns

Fractions



Part

Whole

Half

Quarter

Third

Fraction

Equal part

Division bar

Numerator

Denominator

Unit fraction

Non-unit fraction

Mixed number

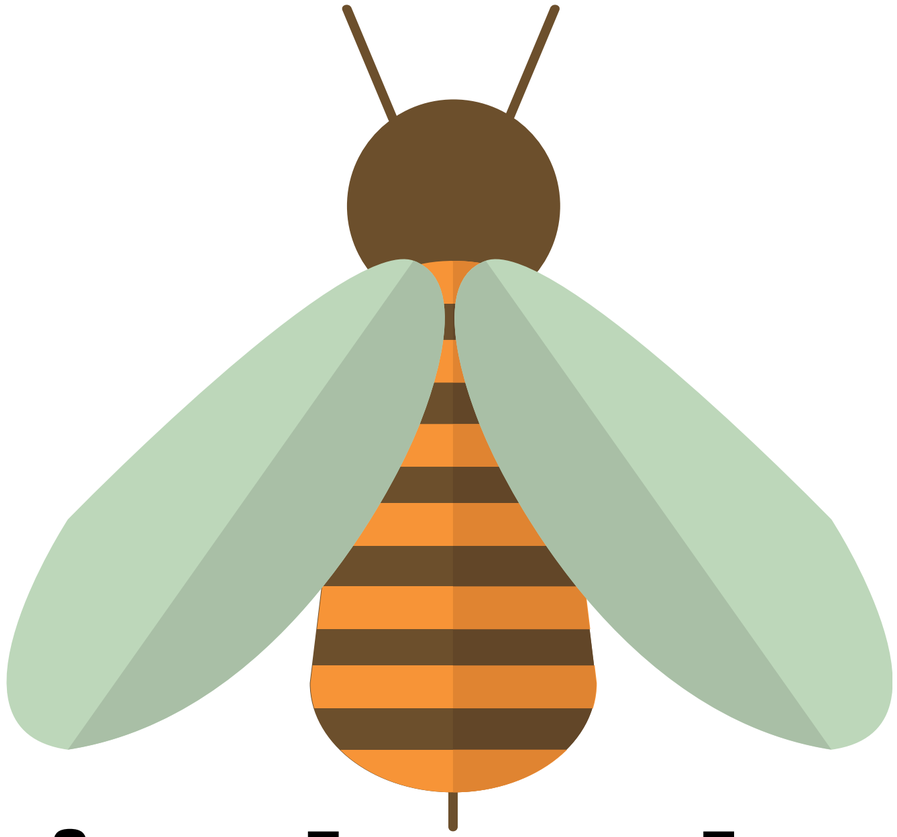
Whole number

Compare

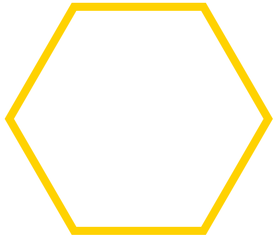
Interval

Equivalent

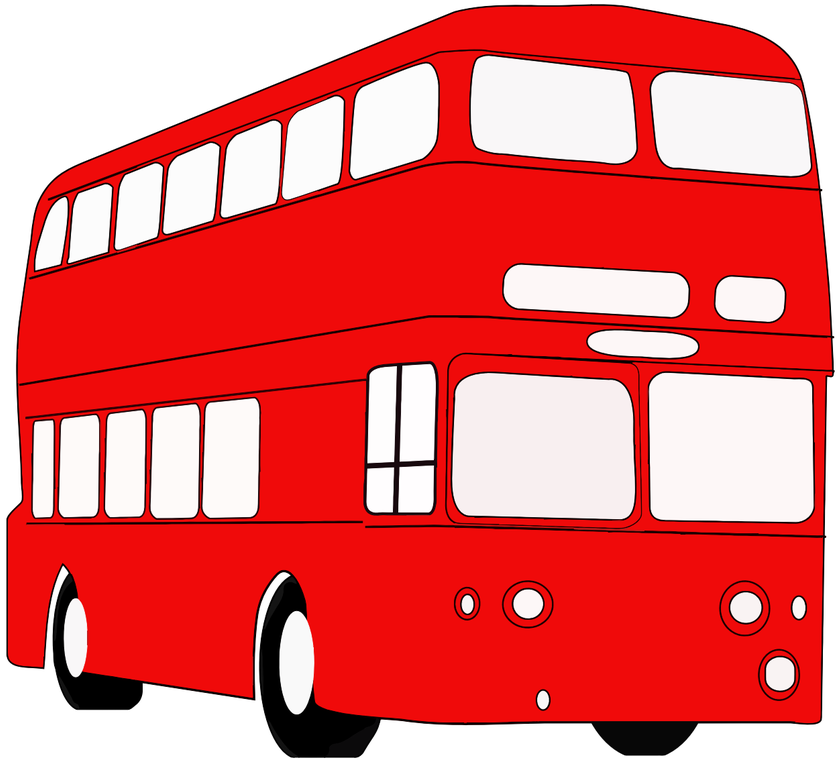
Represent



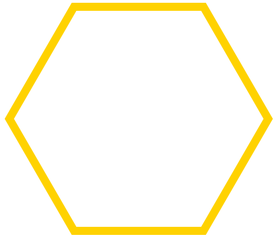
If the bee is the whole, then



is part of the whole.

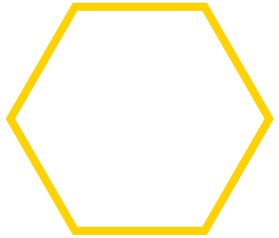


If the bus is the whole, then

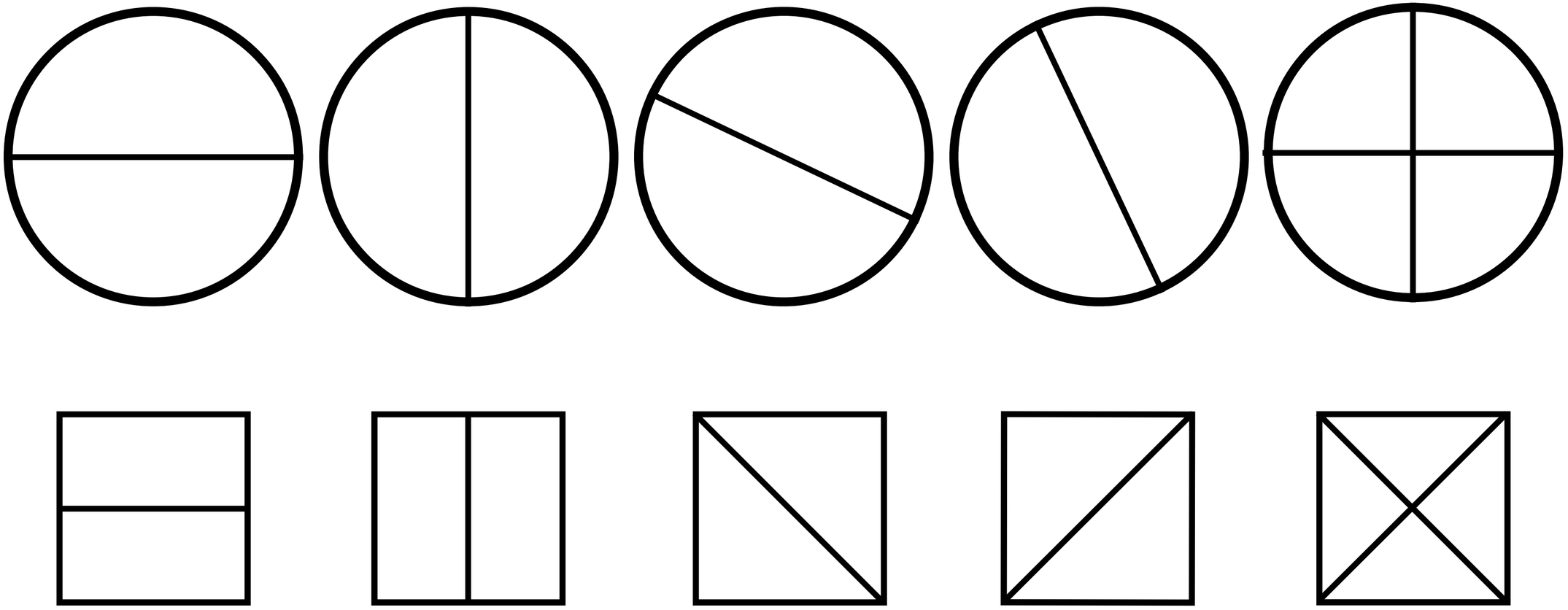


is part of the whole.

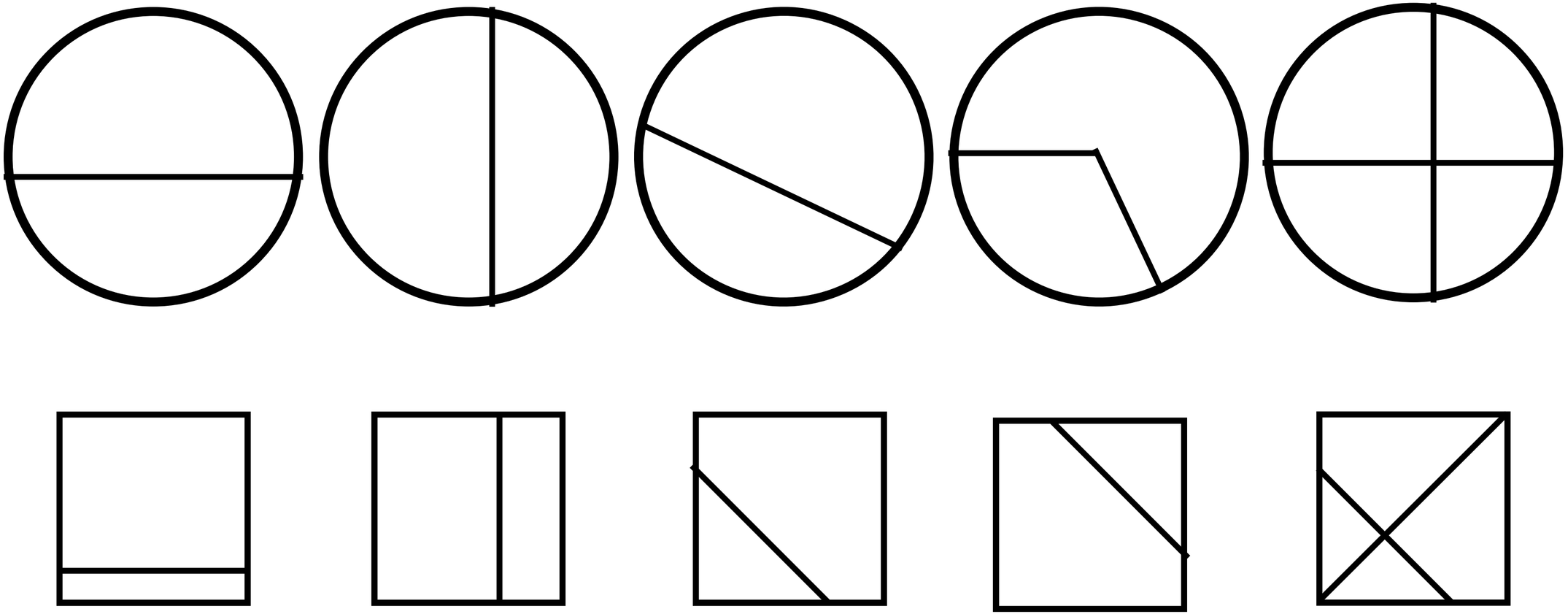
If the house is the whole,

then  is part of the whole.

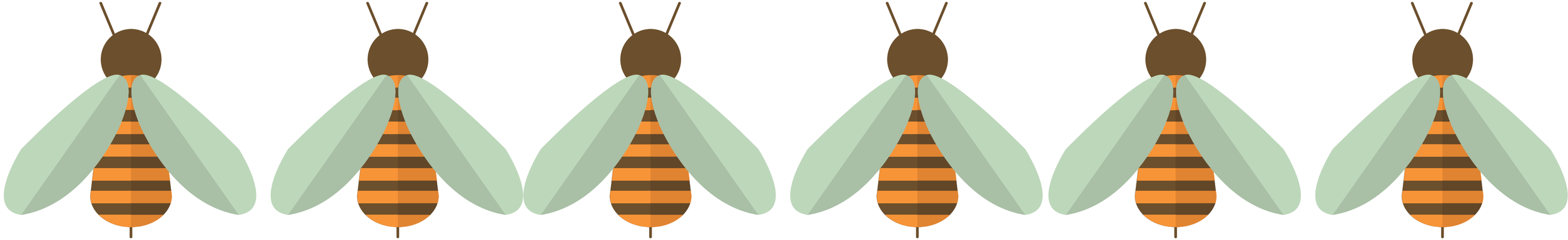
Equal parts

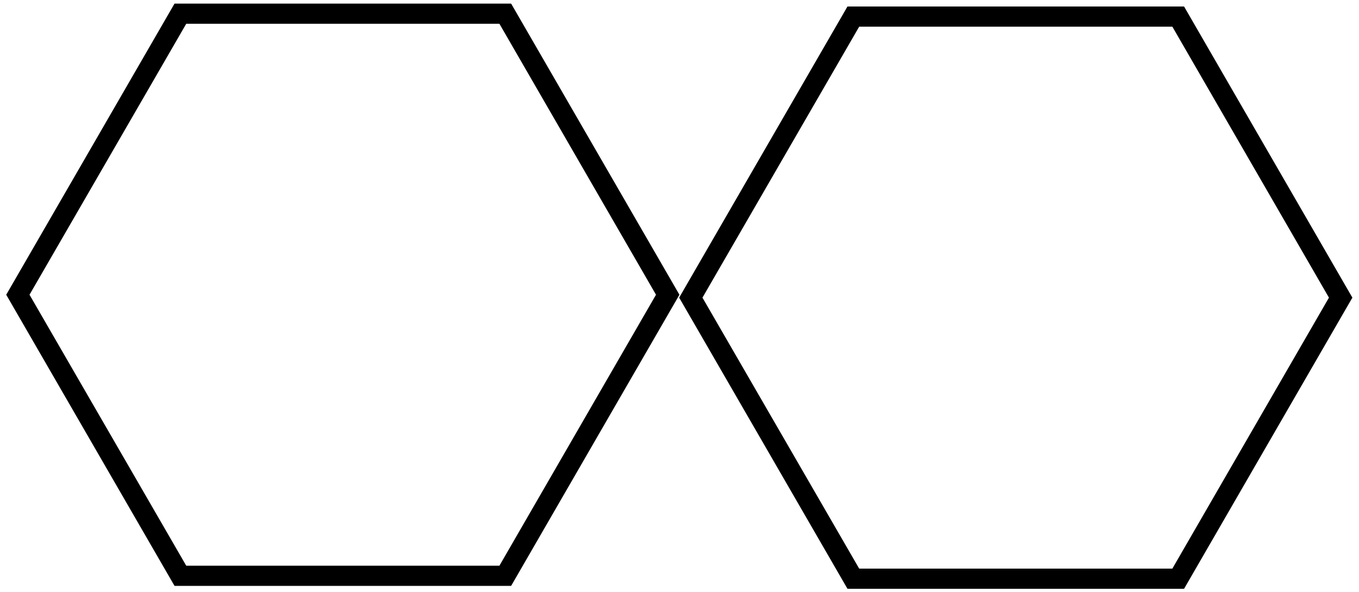


Unequal parts

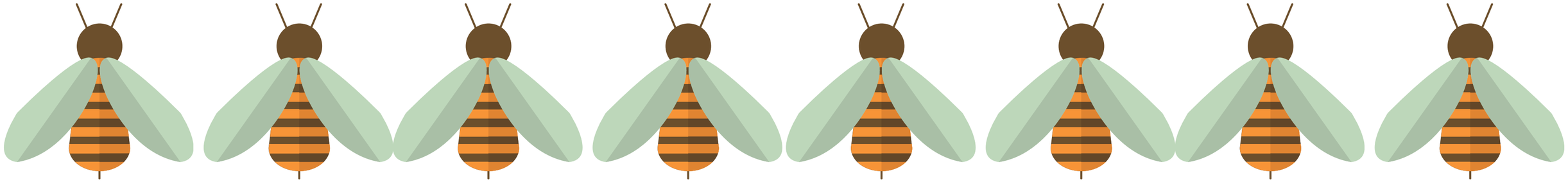


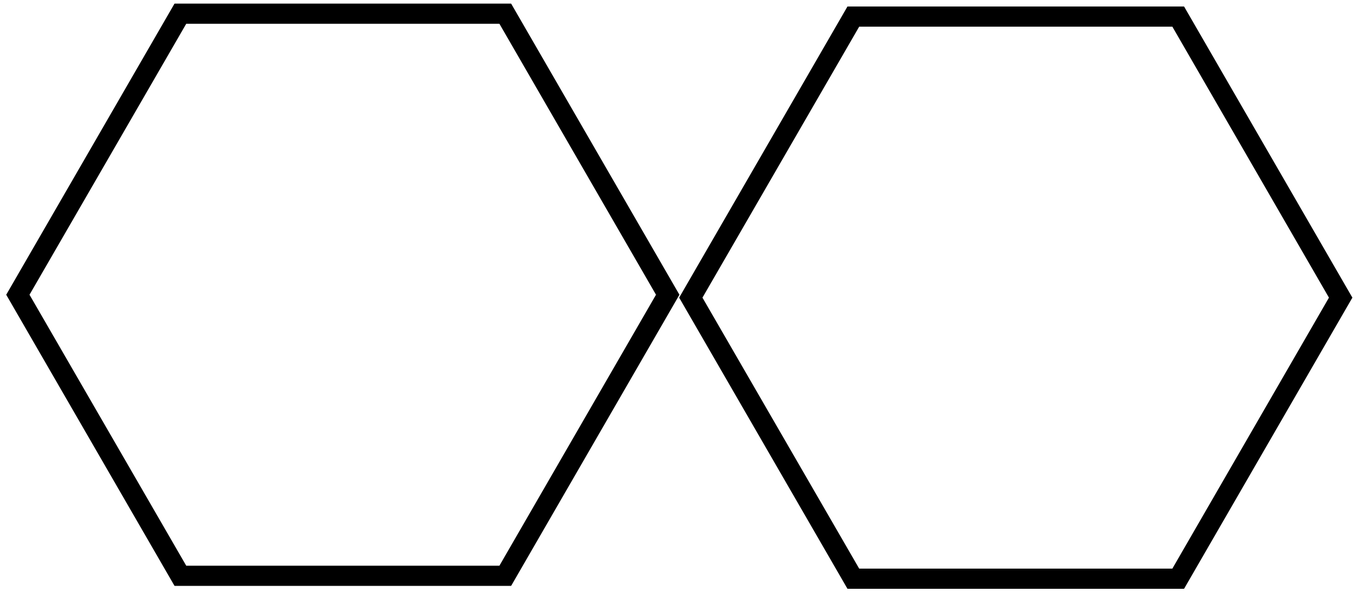
Half (Sort)



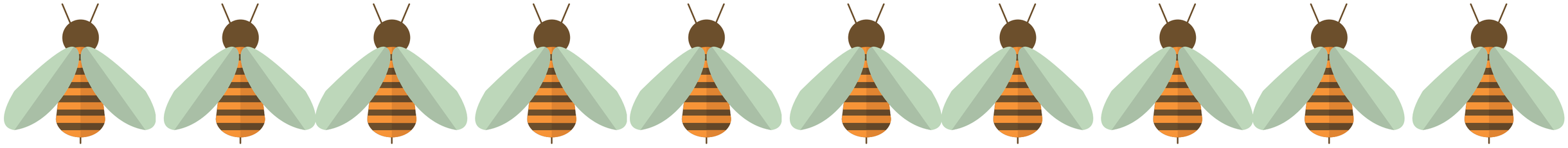


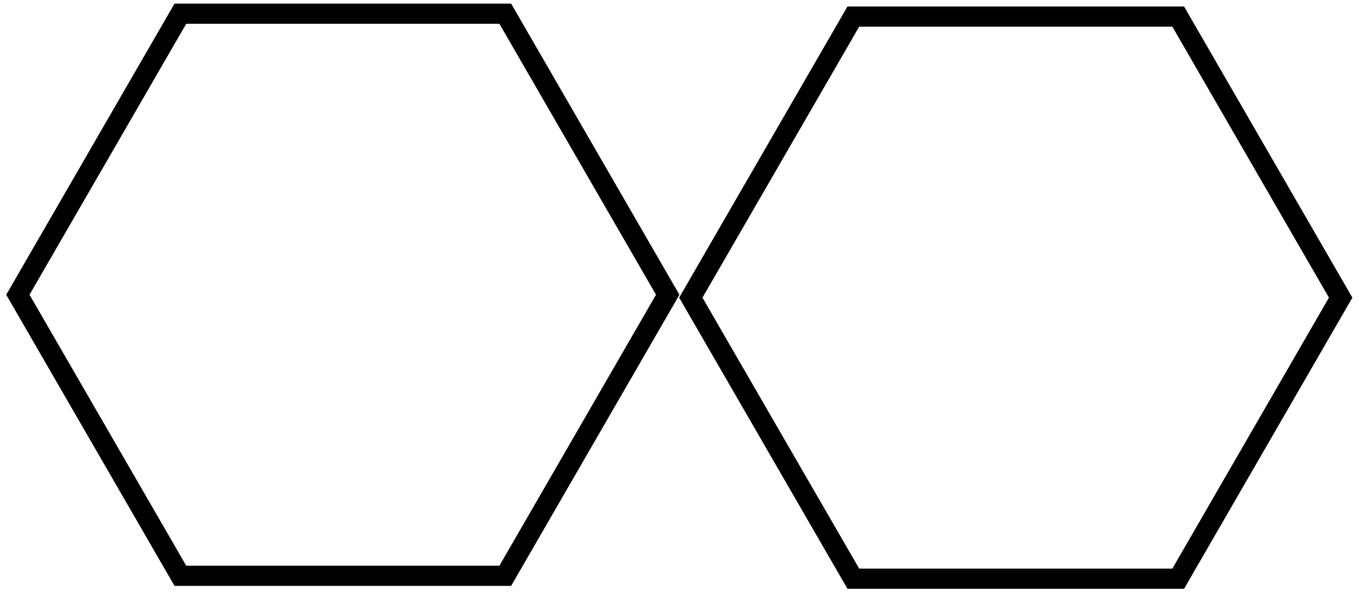
Half



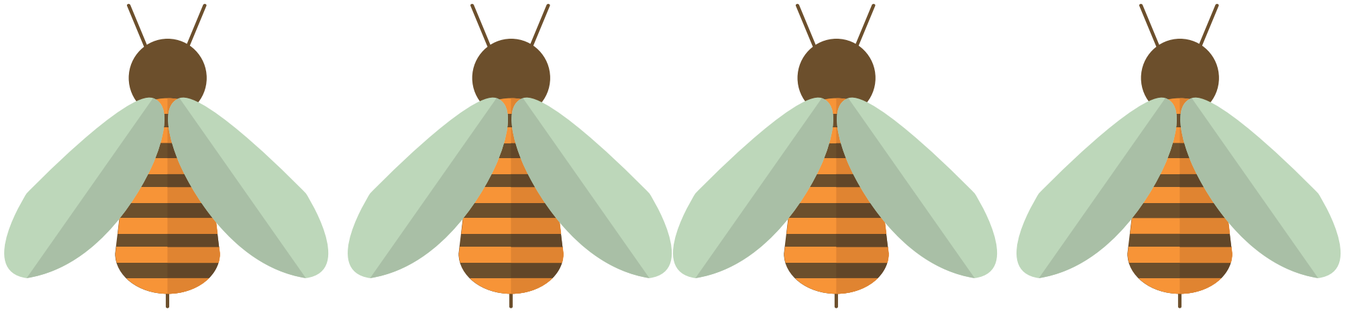


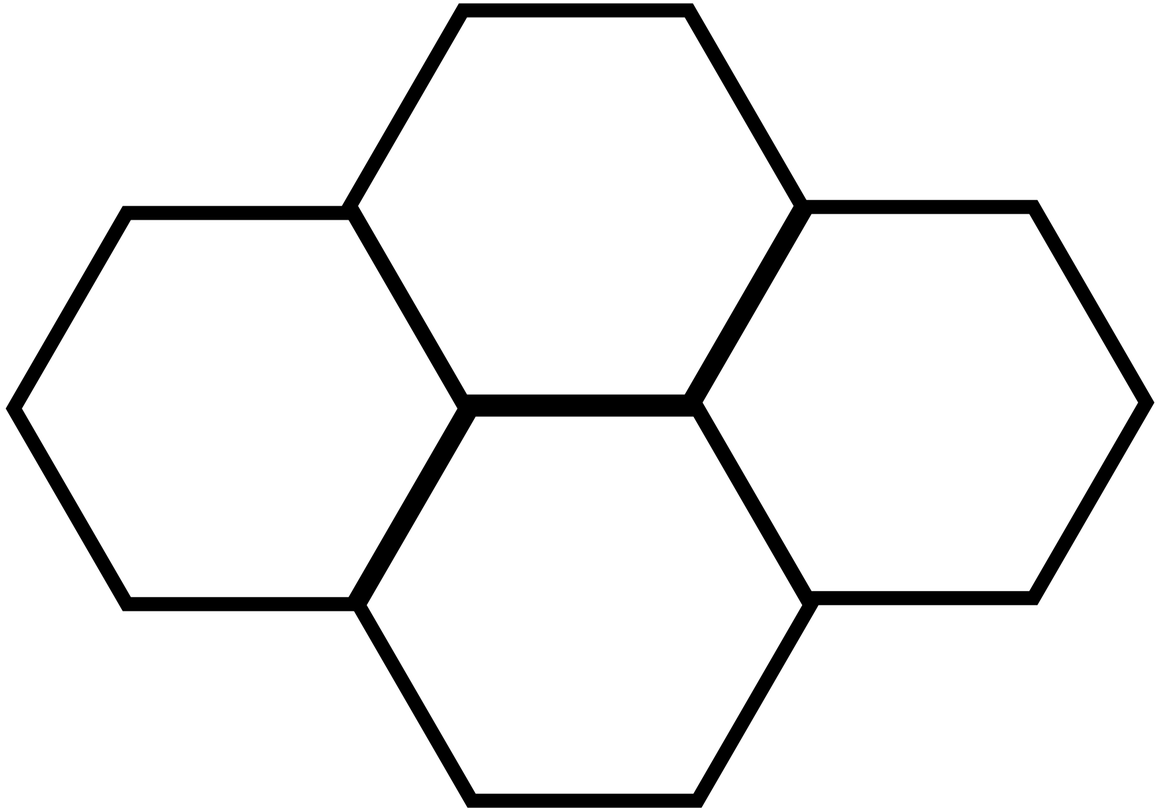
Half



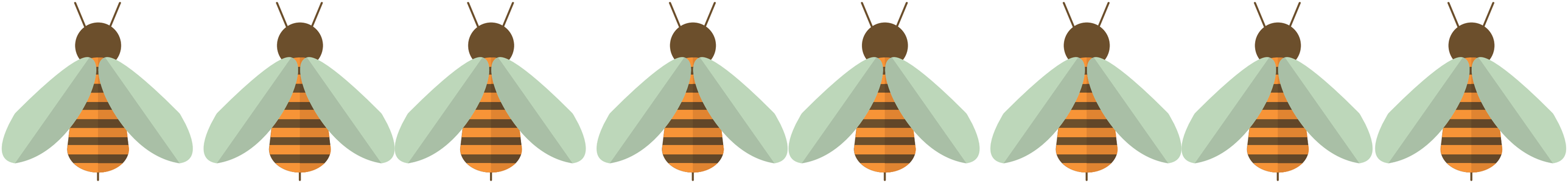


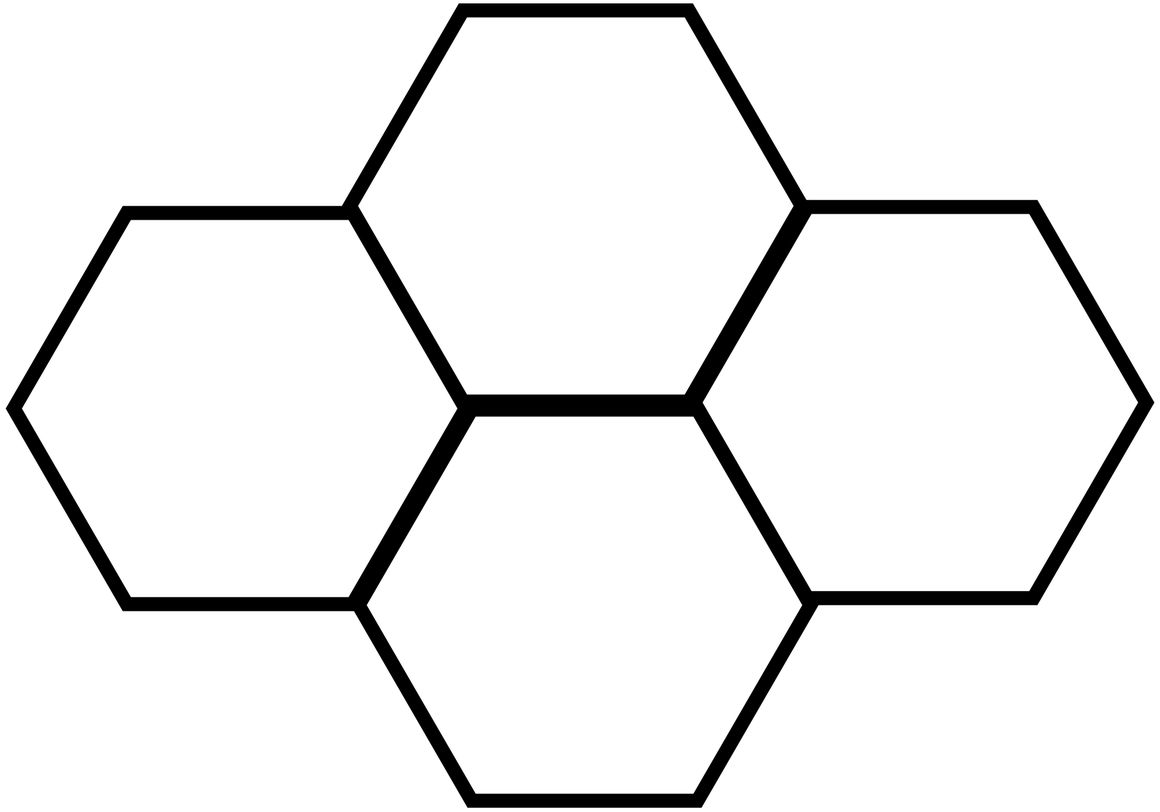
Quarter



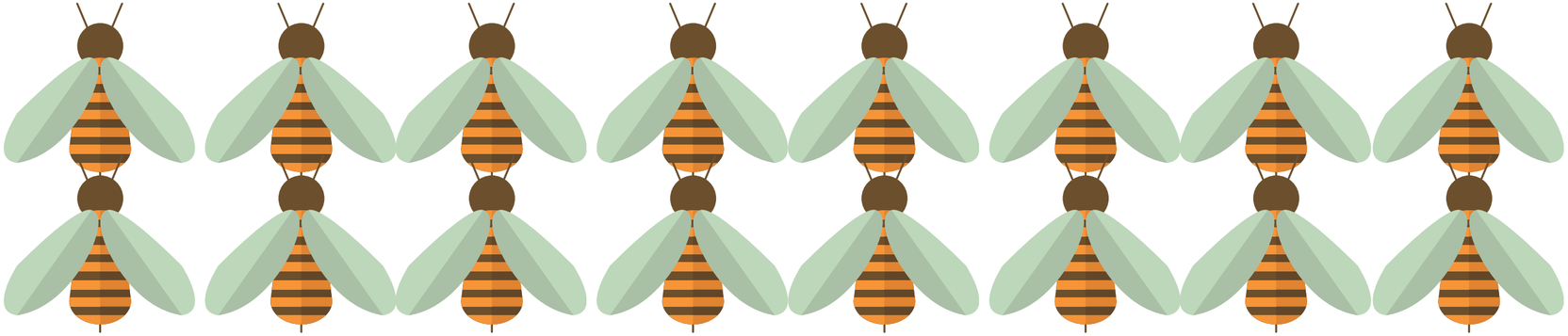


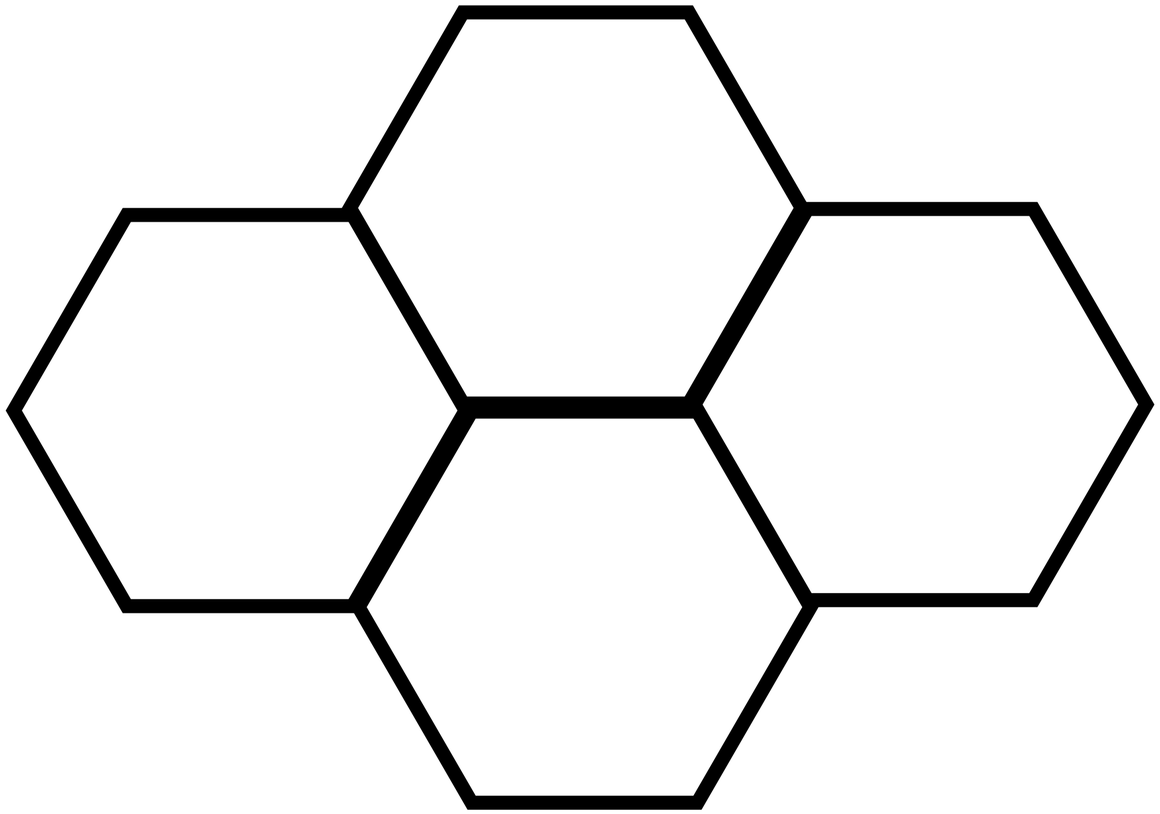
Quarter





Quarter



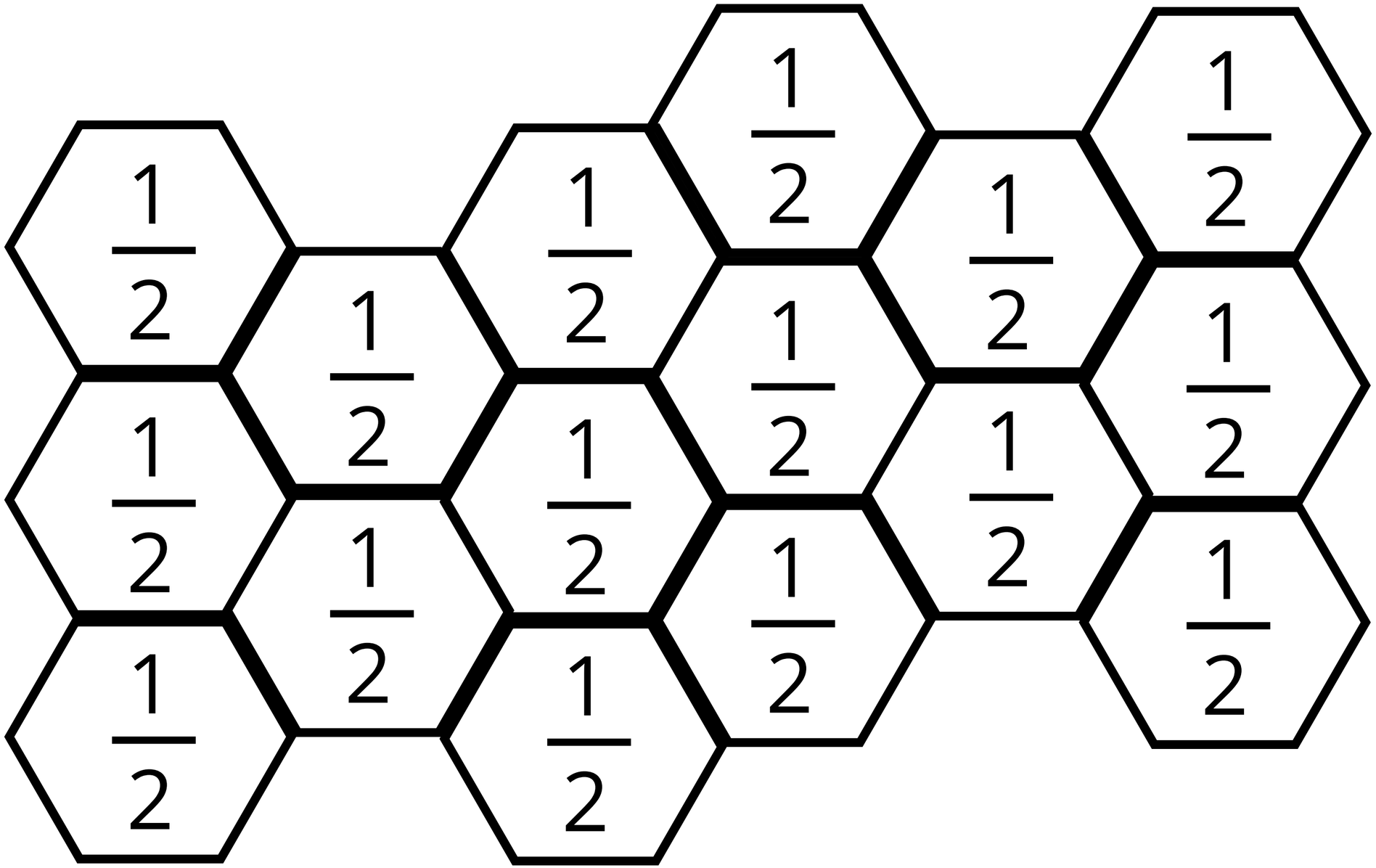


Counting fractions

$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$

$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$

$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$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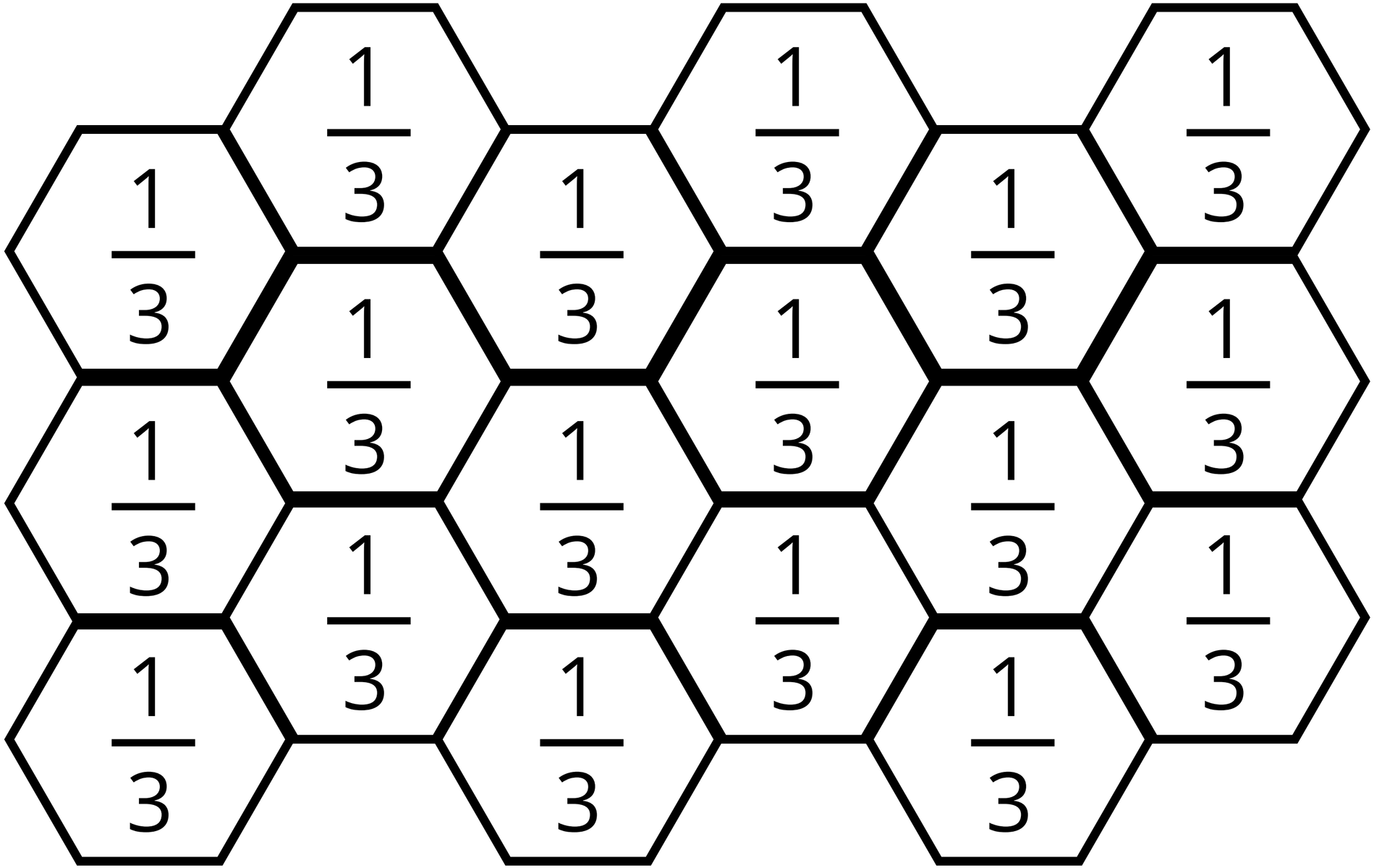
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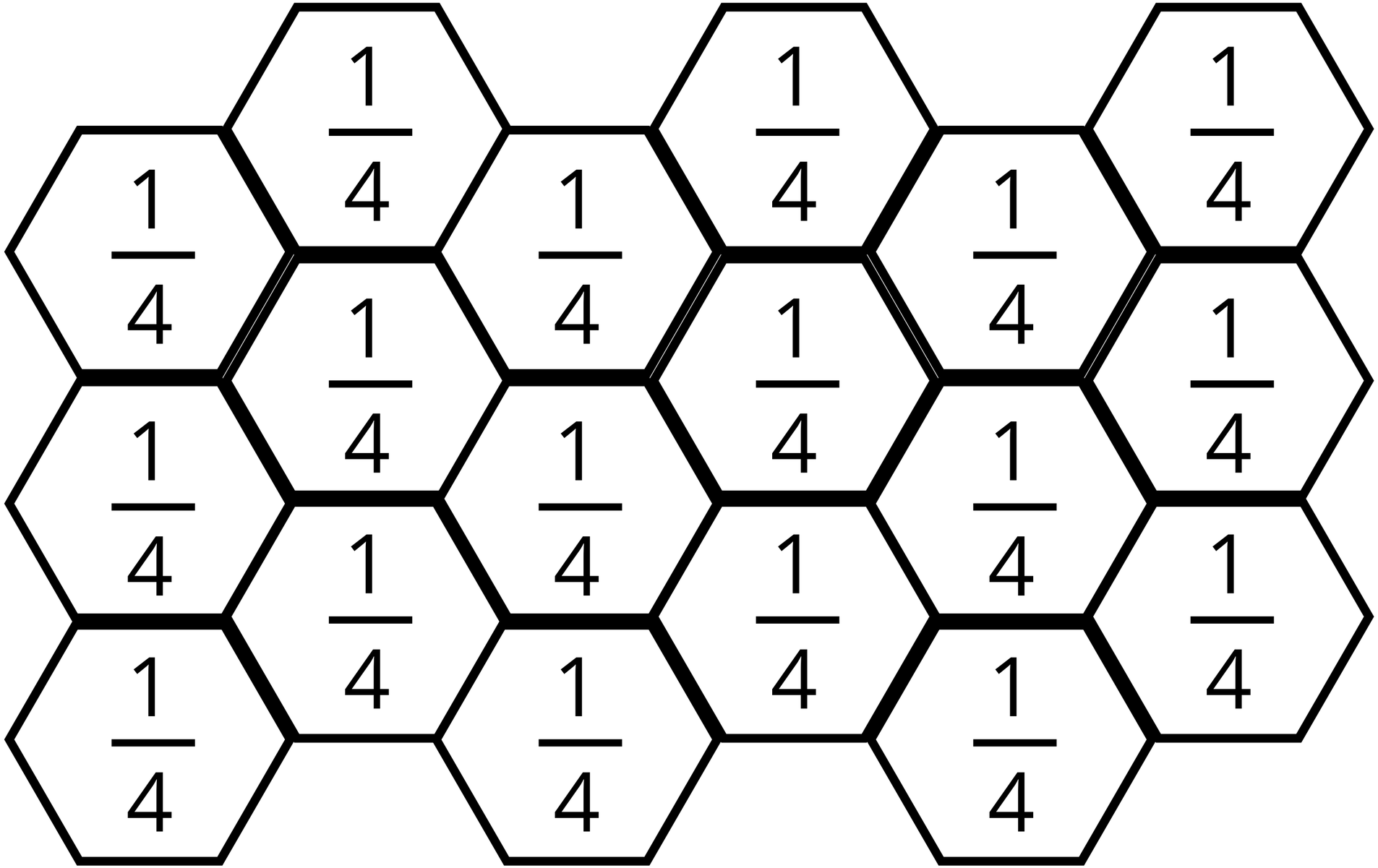
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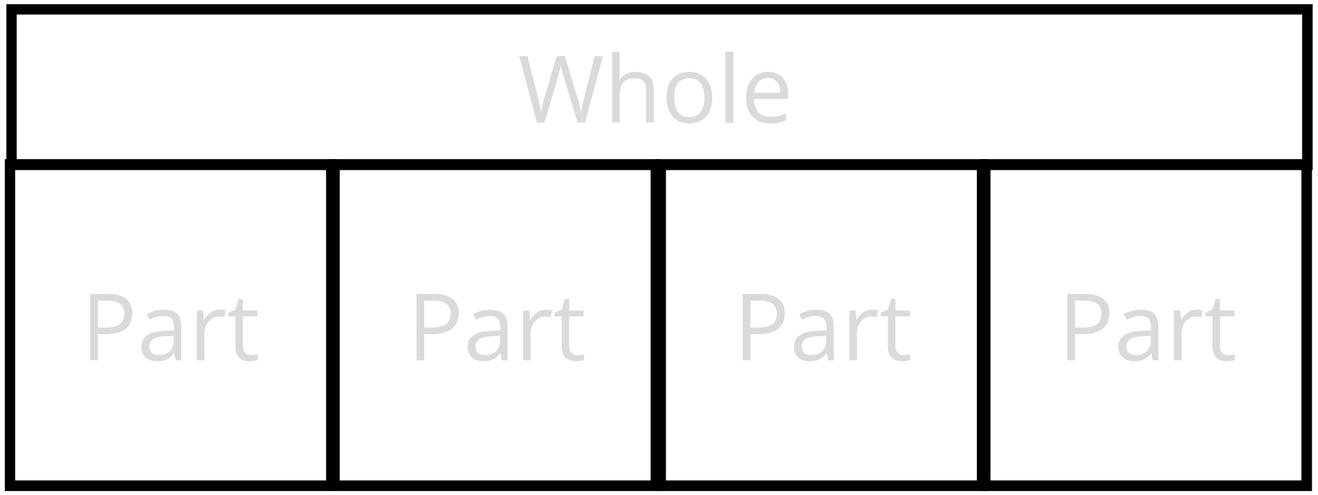
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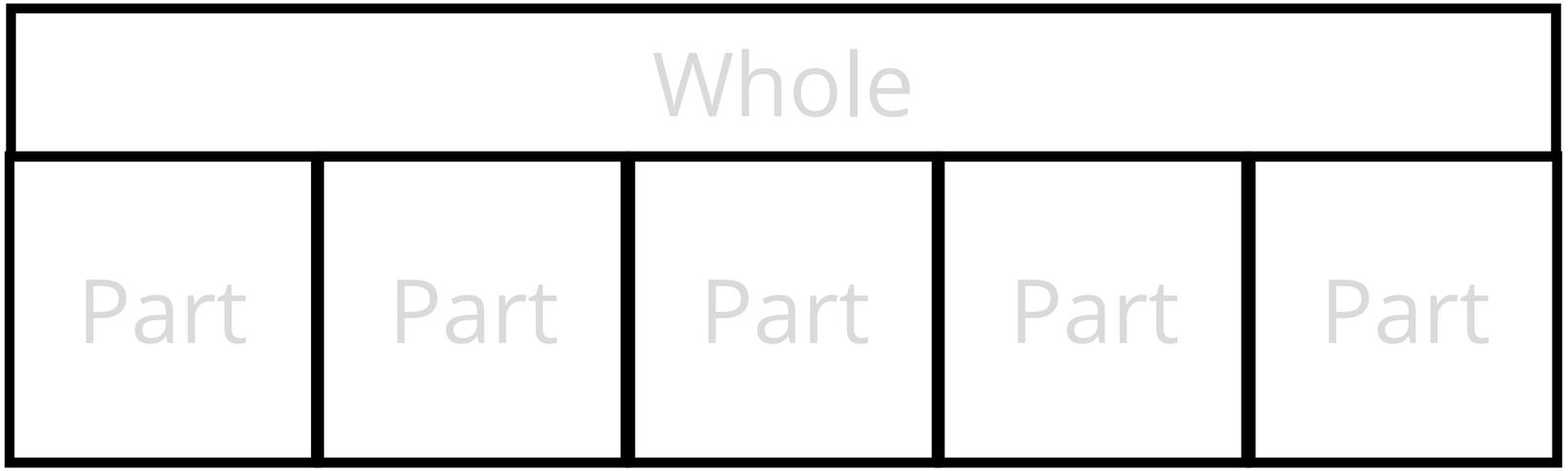
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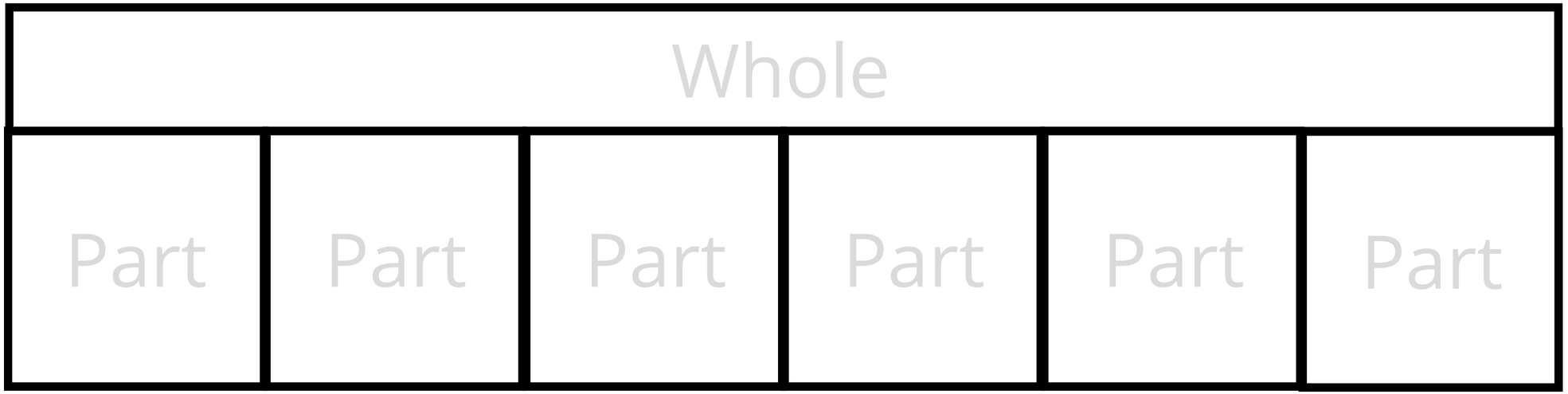
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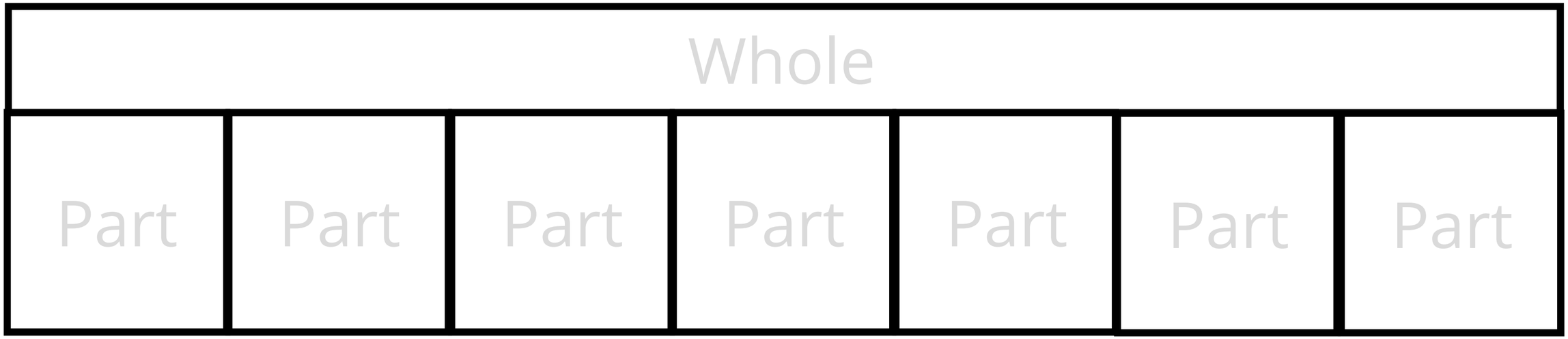
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