

Grade 2 Numeracy Learning at Home

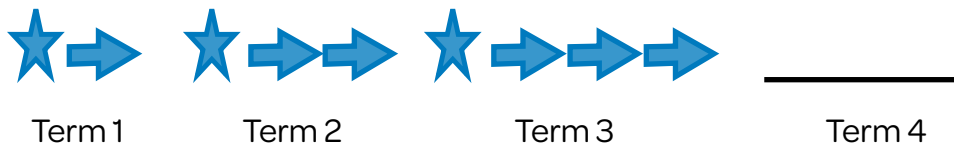
Keep the learning going!

The following activities support learning at home and connect to the mathematics that you have been learning. Choose activities that are interesting and challenging. Have fun!

Patterns and Relations: Mathematics is about recognizing, describing, and working with numerical and non-numerical patterns.

INCREASING PATTERNS: An increasing pattern has elements that grow.

- Describe the increasing pattern below.
- How would you extend the pattern?
- Draw the next term of the increasing pattern.

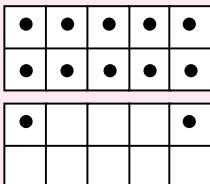



CREATE YOUR OWN INCREASING PATTERN: Create your own increasing pattern. What part keeps growing?

Which One Doesn't Belong? Look at what is in each box.

Find a reason why each one doesn't belong. Explain why. There are no wrong answers as long as each answer includes an explanation about why it doesn't belong.

For example, the box with the equation does not belong because it is the only box with numbers in it.

twelve	$7+5=12$
	



Math Mindset



LAUGH OF THE DAY

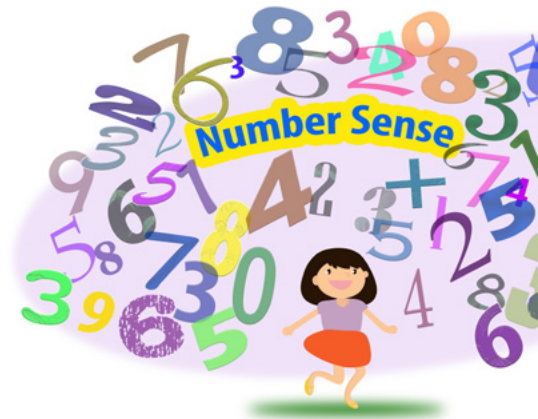
Q What is the shortest month?

A May, it only has three letters.



Building Number Sense

Number sense is an awareness and understanding of numbers. Number sense involves knowing different ways of representing numbers, understanding the relationships among numbers, and using numbers flexibly to reason, estimate, and compute.



Number Line

Number lines foster number sense. The number line helps develop greater flexibility in mental mathematics and construct meaning with number relationships. Use the number line to represent, compare, and order numbers to 100.

Number Line Activity

Pick a number between 0 and 100 and mark it on the number line. Explain the answer. For example, 50 would go in the middle because it's halfway to 100.



Hundred Chart

Use a hundred chart to count, skip count, identify patterns, and explore addition and subtraction patterns.

1. Fill in the missing numbers.
2. Practice skip counting by 2s, 5s, and 10s, forward and backward using those multiples.
3. How would you use the chart to find $3 + 9 = ?$? Now try $23 + 9$ and $33 + 9$. What do you notice? Find other patterns.

1	2	3		5	6	7		9	10
11	12	13	14		16	17	18		20
	22		24	25	26		28		30
31	32	33		35	36	37		39	40
		43	44			47	48	49	50
51	52	53	54	55		57		59	
61	62	63	64		66	67	68	69	70
71	72	73		75	76	77			80
		83	84	85	86	87	88		90
91	92	93	94		96	97	98	99	100

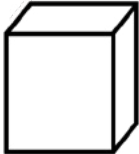
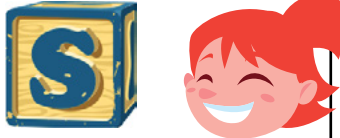
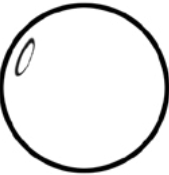





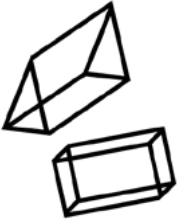





3-D Shapes

In the following activities, you will learn to name, describe, and sort common 3-D objects (shapes).

Shape Hunt and Sort

- Find examples of cubes, spheres, cones, cylinders, prisms, or pyramids around your home. For example, a soup can is like a cylinder.

3-D Object	Objects Found in My Home
Cube 	<p>Blocks are cubes!</p> 
Sphere 	<p>A marble is like a sphere.</p> 
Cone 	<p>The bottom of an ice cream cone is a cone.</p> 
Cylinder 	<p>A soup can is a cylinder.</p> 
Prism 	<p>Tissue boxes and rooftops are prisms.</p> 
Pyramid 	<p>Some tents are pyramids.</p> 

- Sort the objects you find and explain the sorting rule. For example, sort the objects that roll in one group and the objects that don't roll in another group. Try to find many different ways to sort the objects.