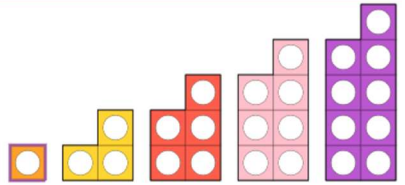
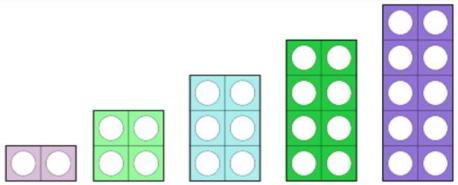
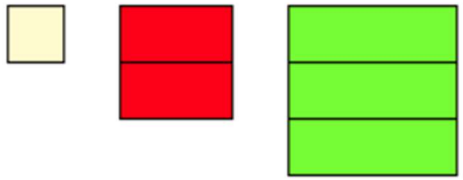
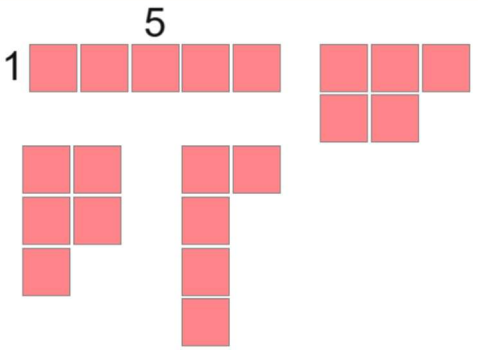
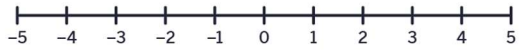
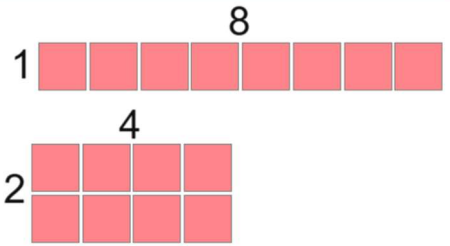
MATHEMATICAL VOCABULARY: NUMBER

Cut the table into 40 boxes. Place the boxes on the table and shuffle them. Rearrange the boxed by matching the word (blue), to its definition (peach), example (green) and visual prompt (pink). Try the task again and see if you can do it quicker this time.

Word	What does it mean?	Example	Visual prompt
Odd Number	A whole number that cannot be divided evenly by 2.	1, 3, 5, 7, 9, 11, 13, 15, 17, 19	
Even Number	A whole number that can be divided evenly by 2.	2, 4, 6, 8, 10, 12, 14, 16, 18, 20	
Square Number	A number that is the product of a number multiplied by itself. The symbol for square is ^{2}.	1 = 1 x 1 4 = 2 × 2 9 = 3 × 3	

The following images were created using free virtual manipulatives available at MathsBot.com: odd number, even number, square number, prime number, factor and multiple.
The following images were made using the free virtual manipulatives available at Polypad, by Amplify: cube number, integer, positive number and negative number.

Cube Number	A number that is the product of a number multiplied by itself three times. The symbol for cube is ^{3}.	1 = 1 x 1 x 1 8 = 2 x 2 x 2 27 = 3 × 3 × 3	
Prime Number	A number with only two factors: 1 and itself.	2, 3, 5, 7	
Integer	A whole number (positive, negative, or zero).	−3, 0, 7	
Factor	A number that divides exactly into another.	Factors of 8 are 1, 2, 4, 8.	

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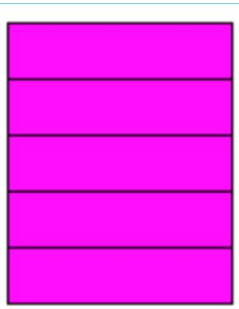
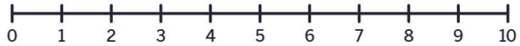
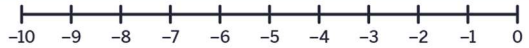
Multiple	The result of multiplying a number by an integer.	Multiples of 4 are 4, 8, 12, 16….	
Positive Number	A number greater than zero.	1, 0.5, 100	
Negative Number	A number less than zero.	-1, -0.5, -100	

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