

Japanese Multiplication

Ariane Faria and Elisa

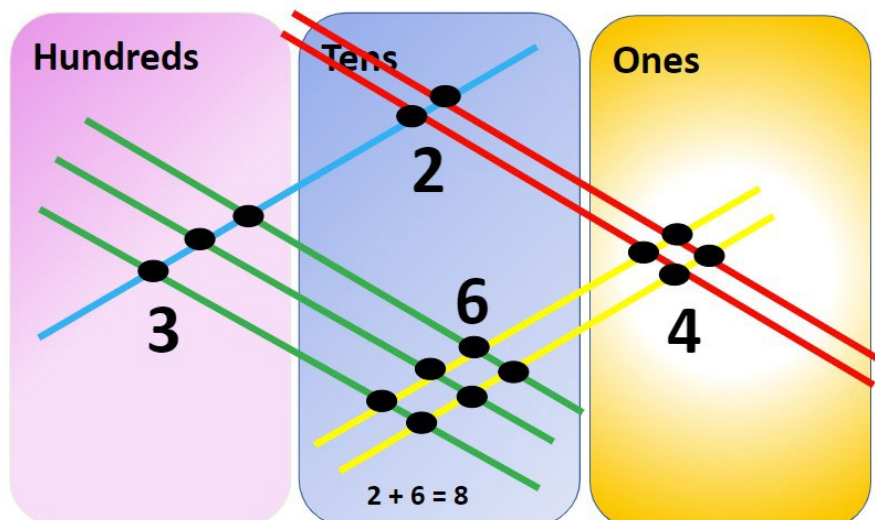
Grade Range	Content Area	Materials
1 to 8	<ul style="list-style-type: none">• Number• Addition• Multiplication• Problem-solving	<ul style="list-style-type: none">• Paper• Pens with different colors

Activity

Learn to multiply by merely drawing a few lines and improve our understanding of math through visual representations.

- 1) Draw diagonal lines corresponding to the tens.
- 2) Leave a space and draw additional lines parallel to the first ones to represent the ones place.
- 3) Next, draw the number 32 in reverse direction with the lines intersecting at the corners.
- 4) Calculate the product by counting the number of intersections between the lines and writing down each digit.
- 5) If there are multiple intersections, add the corresponding numbers.
- 6) See the example below:

$$12 \times 32 = 384$$



Extensions, Modifications & Additional Resources

- [Presentation with the step by step](#)