

X	6	7	8	9	10
6					
7					
8					
9					
10					

36	42	48	54	60
42	49	56	63	70
48	56	64	72	80
54	63	72	81	90
60	70	80	90	100

8	9	10
16	18	20
24	27	30
32	36	40
40	45	50

# Hands-On Multiplication Charts

*Practice for multiplication tables 1- 10*



# Hands-On Multiplication Charts

Inspired by the Montessori multiplication charts, these hands-on pieces and charts are intended to be used after the child has been introduced to multiplication tables and is on the way to memorization. These can be used for practice as well as assessment. Additionally, a child can use these charts independently or with a partner.

## What's Included

There are several *blank charts*, each with a different focus:

- Multiplication Chart A -- multiplication tables 1-5, with multipliers 1-5.
- Multiplication Chart B -- multiplication tables 1-5, with multipliers of 6-10.
- Multiplication Chart C -- Multiplication tables 6-10, with multipliers 1-5.
- Multiplication Chart D -- Multiplication tables 6-10, with multipliers 6-10.

There are *hands-on pieces* for each chart – the products of the factors, with three border styles, depending on how you'd like your students to use them:

- Black borders
- Colored borders for multiples of the same number (colors correspond to the colors of the Montessori bead bars)
- No borders

Answer keys and recording sheets are also included for each chart.

## Ways to Use These Materials

These charts and pieces can be used in various ways:

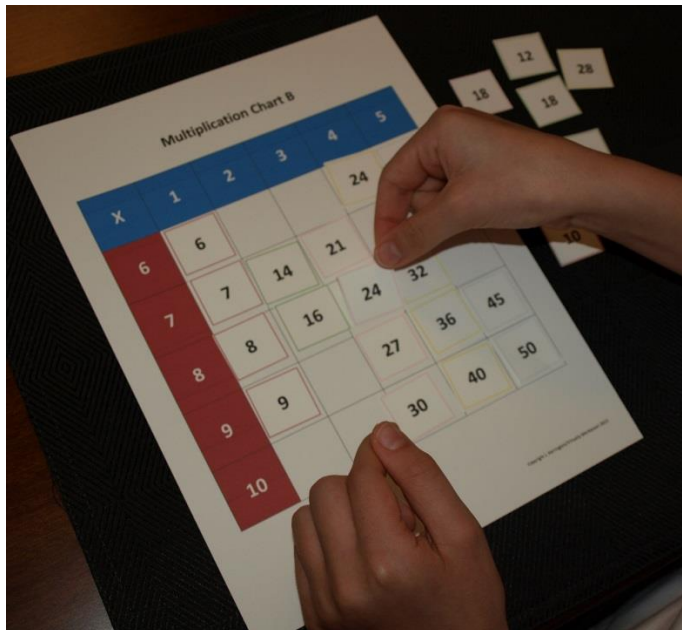
1. **Hands-on activity or center:** The charts can be printed on cardstock and laminated for game boards. The individual pieces are intended to be printed, laminated, and cut into pieces and used with the game boards. This is great practice for memorizing multiplication tables or for use as an assessment.  
  
Using the colored-border pieces, the child is exposed to multiples of numbers (which are color-coded accordingly), which may also help them to memorize their facts.  
  
Use any of the pieces as a separate activity to practice skip counting using numbers from 2 – 10.
2. **Worksheet:** The blank charts or recording sheets can be printed on regular paper and used as a blank multiplication chart. The child then hand writes the products on the table.
3. **Reusable worksheet:** The blank charts can be printed on regular paper or cardstock and laminated. Using a dry erase marker, the child hand writes the products on the table (and then gets to erase!).

## How to Use the Multiplication Chart

1. After having assembled the multiplication chart(s) and pieces desired, have the child set the board on the table and the pieces to the side.
2. The child chooses a piece which contains a product and decides on which square it belongs. If it helps, a child can place a finger from the right hand on a blue factor column and a finger from the left hand on a red factor column, then move them down/across to locate the correct square for placement.



3. The child then places the piece in the appropriate square.



4. The child continues until all pieces are placed.
5. The answer key may be used to check the work.

# Multiplication Chart A

X	1	2	3	4	5
1					
2					
3					
4					
5					

SAMPLE

## Multiplication Chart A Pieces with Black Borders

Print this page on cardstock and laminate. Cut into individual pieces that can be placed on the chart. Make sure to trim close to the borders so that the pieces will fit on the chart. If you cut evenly between the pieces, the pieces will definitely fit!

1	2	3	4	5
2	4	6	8	10
3	6	9	12	15
4	8	12	16	20
5	10	15	20	25

## Multiplication Chart A Pieces with Colored Borders

These pieces have border colors that correspond to the Montessori bead bars. Each multiple of a number has the same border color.

1 = red

2 = green

3 = pink

4 = yellow

5 = light blue

Print this page on cardstock and laminate. Cut into individual pieces that can be placed on the chart. Make sure to trim close to the borders so that the pieces will fit on the chart. . If you cut evenly between the pieces, the pieces will definitely fit!

1	2	3	4	5
2	4	6	8	10
3	6	9	12	15
4	8	12	16	20
5	10	15	20	25

### Multiplication Chart A Answer Key

X	1	2	3	4	5
1	1	2	3	4	5
2	2	4	6	8	10
3	3	6	9	12	15
4	4	8	12	16	20
5	5	10	15	20	25

### Multiplication Chart A Recording Sheet

X	1	2	3	4	5
1					
2					
3					
4					
5					

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Thank you for looking at this product!

Check out [Virtually Montessori](#) for other materials.

Related items include:

[Multiplication Charts – Practice for multiplication tables 1-10 \(free\)](#)

[Math Operations Vocabulary Charts](#)