



Thank You for Your Recent Purchase of Mathnasium Wall Art!

The following information outlines the best way to apply the Wall Art to your walls. If at any time you have questions, contact us at **817-379-1300** - we will be happy to help.

Your Package

Your package is comprised of all images required for your walls and includes:

- 42 Geometric “Parade of Shapes”
- 26 Quotes
- 18 “Math in Action” images
- Mathnasium Logo

In the package that is “larger,” for centers greater than 1600 Sq. Ft., the number of images in the package is the same - but are 25% larger in size.

Wall & Room Prep

Textured Wall Surfaces

For best results, wall surfaces should be without texture. We cannot guarantee the product from adhesion loss when walls are textured. Surfaces should be free of dust, dirt, cleaner residues and dampness due to humidity. Poor surface conditions will cause adhesion loss or failure. Minimum surface temperature is 50 degrees.

Purchasing Paint

Painted surfaces should be painted with latex paint and should have some gloss. (Not flat paint.) We recommend an eggshell finish.

What not to purchase

- Paint with silicones or waxes
- Paint with no VOC's (The high end and popular paint will advertise no VOC's. If possible, avoid these high-end products. For best results purchase paint with some VOC's to provide the best paint surface for adhesives.
- Matte finish – often referred to as flat paint.

Adhesion Failure

- By far the most common reason for adhesion failure is application of the vinyl on freshly painted surfaces. Just because it's dry to the touch doesn't mean it's ready for your vinyl graphics. We recommend 2-3 weeks for your paint to cure properly before placing adhesive graphics to the wall.

Gathering Your Tools

- **Properly adhering your wall art will take about 10-12 hours and it is helpful to have a second person available when needed.**
- **Before you begin, gather the following tools:**

Ladder(s)
Soft Cloth or Felt Squeegee
Pencil
Yardstick or Measuring Tape

Painters Tape
Scissors
String
2-4 Screws or push pins

Know your Room Layout

- For accurate placement you will need to know how tall your ceiling is from the floor
- Know where your furniture and other items will be placed that may block part of your wall.
- Determine conspicuous places on the wall to locate your Mathnasium Logo. You will want it to be noticeable by anyone who walks into your center

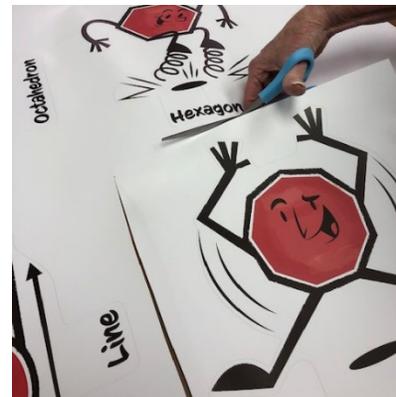
Wall Art Installation - Preparation



Unroll your pre-cut Wall Art and lay the individual sheets on a flat surface to allow the curl in the vinyl to relax. This may take several hours, but the curl will relax allowing for easier application.

Your Wall Art will include several sheets of images. Take your scissors and separate the images one from another for easier handling and placement.

The cutting does not have to be precise. The goal is to cut each image away from one another so that you can adhere to the wall one at a time.



After separating the images, place the Parade of Shapes in the following order:

(Note for those centers replacing the old wall art with the newest version: There are enough characters with the new art to do a one-for-one replacement of the old pedestal characters with the new Parade of Shapes.)

1	Point	23	Nonagon
2	Segment	24	Decagon
3	Ray	25	Circle
4	Line	26	Ellipse
5	Acute Angle	27	Plane
6	Right Angle	28	Intersecting Planes
7	Obtuse Angle	29	Square Pyramid
8	Straight Angle	30	Octahedron
9	Scalene Triangle	31	Cube
10	Right Triangle	32	Rectangular Prism
11	Isosceles Triangle	33	Cone
12	Equilateral Triangle	34	Cylinder
13	Trapezoid	35	Frustum
14	Kite	36	Icosahedron
15	Parallelogram	37	Dodecahedron
16	Rhombus	38	Icosidodecahedron
17	Rectangle	39	Sphere
18	Square	40	Ellipsoid
19	Pentagon	41	Hemisphere
20	Hexagon	42	Torus
21	Heptagon		
22	Octagon		

Wall Art Placement

As tempting as it may be to place that large Mathnasium Logo on your wall, we strongly recommend that you begin with the smaller pieces so you can get used to handling adhesive stickers. We recommend that you begin with the Parade of Shapes. You will need the ladder, painters' tape, pencil, string that is the length of each wall, scissors and screws or push pins. The application of the Character Parade will take about 3.5 hours.

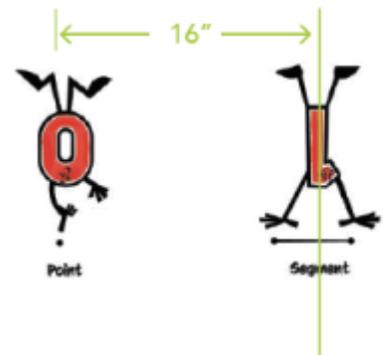
Determine how high your ceilings are and create a guide using the string method described below.

For ceilings that are 10 feet or less from the floor, you will want to place a string guideline about two feet from the ceiling. For ceilings that are over 10 feet from the floor, place the string guideline approximately 8 feet from the floor.

Once you determine where your Parade of Shapes will be placed, attach a screw in the wall at the point determined – one screw at each end of the wall. Attach a string across the wall so that you have a removable way to line up the characters. One franchisee used dental floss and push pins to achieve the same.

Each character's name will be placed above the string

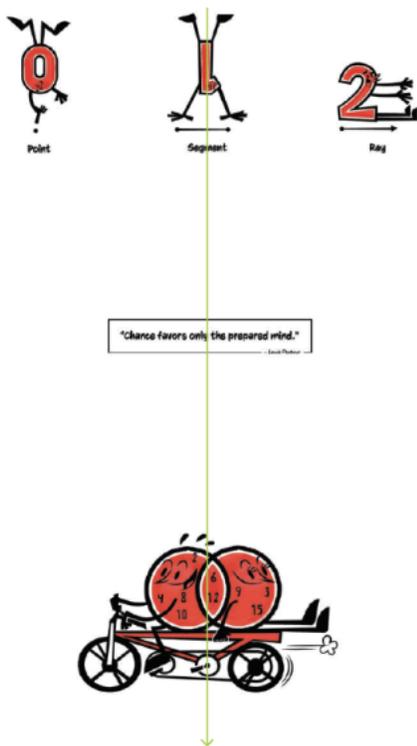
You will have 42 characters in your Parade of Shapes that should be placed in the order shown in the graph above. Determine how far apart from one another they will be placed. 16 inches is recommended but depending on how much total wall space you have, you may need to increase that distance. They should be **no closer than 16 inches** apart center to center. Your characters are intended to run around the center walls lined up just below the ceiling. The spacing of the Parade of Shapes should be equal across both walls and consistent from one character to the next.



For new center installations, it's generally recommended to take the two longest walls (typically the sides of the center) and use those for the parade of shapes. It's ok if the length of your walls is too short to include all characters. If you run out of space, do not cram them in together but stick to the aforementioned spacing and withhold the first eight figures in the list noted in the graph above (point through straight angle.)

Using painters tape, tape up the Parade of Shapes to ensure they are lined up properly before adhering them to the walls. Mark the center of your images. Mark the wall where the **center of each character** should go ensuring that they are **evenly spaced** and no less than 16 inches apart from center to center.

Placement of Medium-Larger “Math in Action” Graphics



Using the chart below, determine where you will place the other larger images. Arrange on the wall to achieve a sense of balance. The distribution should be pleasing to your eye and feel “right.” In general you should plan to place one large “Math in Action” graphic and Quote for every three characters in your Parade of Shapes – starting below the second character in the parade. (See diagram on the left.) You may increase this to one for every two characters if it works better with your space. Based on the number of characters in your Parade of Shapes, this means that you may only use about 14 of the Math in Action larger graphics on your main center walls. If you have leftover shapes you may place them in an office or bathroom.

The height for each Math in Action character will alternate between a high position to a low position. When looking along the wall every other high position Math in Action character will be at the exact same level as will be those at the low position.

The open spaces made by this alternation of locations is where the quotes will go. As with the Math in Action characters there are more than 14 quotes so you may choose which ones you’d like to use.

The placement of the medium and larger graphics will take 4-5 hours.

The following list will help you prioritize the characters to place on your walls:

High Priority	Medium Priority	Low Priority
Tri-Guy Weights	Nine Mountain Bike	Z Axis Swings
Mathnasium Logo	Eight Lemniscate	Graph Skiers
Quotes	Infinite Zipline	Triangle Leg Press
Pi in Wheel	Complement Dancers	Ace and Plus
Seesaw Trio: n & $n+1$ / $2+3$ & $7-2$ / $\sin(x)$ & 0	Trampoline Reciprocals	
Diving Square Roots	Frisbee Three Fourths	
Bike for Two	Fibonacci Monkey Bars	
23 Percent		
Cosine Surfers		

Wall Art Application

There are multiple ways to apply your graphics. We will describe below two recommended ways that other franchises have successfully used.

Method 1 – Hinge Method

The Hinge Method places a piece of blue painters' tape across the piece vertically or horizontally. You would peel off half of the backing at a time.

Method 2 –Cut Method

The Cut Method prepares the piece by cutting half of the backing prior to installing on the wall.

Both the Hinge Method and the Cut Method work well for installing graphics. It is recommended that you choose one of these two methods and that you don't just peel off a sticker and try sticking it down. Although it may seem easy to do, attempting to just "stick it on the wall," will often create crinkles and creases or the sticker will fold up on itself and placement won't be accurate. Details about both methods are explained below.

Hinge Method

(Step 1) Take the painters' tape and place a strip of tape either vertically or horizontally across the entire image forming the "hinge." You will need to add tape to the corners to hold it in place.

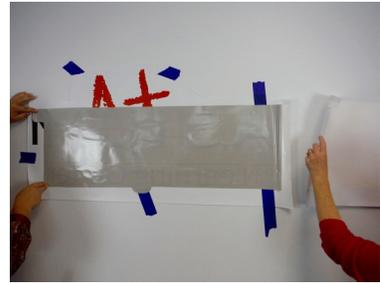
(Step 2) Now peel back the image from the backing on one side all the way to the hinge. (There is no need to remove the vinyl surrounding the image-just pull back the sticker) **(Step 3)** Cut or tear off the backing you just peeled off on that side. **(Step 4)** Once the backing is removed, work from the middle to the outside edges to smooth the exposed vinyl to the wall. (use the soft cloth to smooth down with pressure) **(Step 5)** After the first half is on the wall, remove the hinge and other tape and reach behind the image and peel off the backing of the second half and **(Step 6)** smooth vinyl to the wall working from the center outward.



Step 1



Step 2



Step 3



Step 4



Step 5



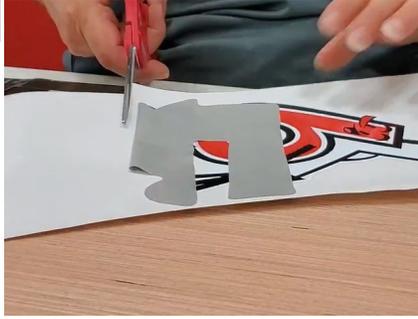
Step 6

Cut Method

(Step 1) Measure and mark the center point **(Step 2)** Carefully peel and cut off the bottom half of the image backing. **(Step 3)** Once cut, stick that image back to the cut piece. When you are ready to put in place on the wall, you would peel off the cut backing and place it on the wall, smoothing this half from the center out with a soft cloth and smooth down with pressure. **(Step 4)** Now peel off the backing of the 2nd half and **(Step 5)** Smooth onto the wall moving from the center outward. **(Pic 6)** When using this method, peeling off the excess vinyl around the image is helpful.



Step 1



Step 2



Step 3



Step 4



Step 5



Picture 6

Helpful Hints

Problems with Application

If the image doesn't stick correctly or gets a crease in it, gently pull up the last two to three inches you just stuck down and then continue smoothing. Be careful to avoid stretching the vinyl if you need to pull it back up. Once pressure is applied the image is firmly in place and stretching will occur if you attempt to lift the image.

If you ruin an image, know that you can get a single image replaced if necessary.

Custom Wall Art & Extra Wall-Art Pieces

We are often asked to print custom quotes. This can be done with the approval from Mathnasium Home Office. The appropriate approval form should be submitted to support@mathnasium.com. If you find that you have an empty area that needs one or more images in addition to what is in your package, we can send duplicate single images to help fill in the gaps. These are sold per piece.



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