Mathnasium Wall art Package!

Package includes:

42 Parade of Shapes, 26 Quotes, , 18 Large Wall graphics "Math in Action"., 1 Large Mathnasium logo

The following are recommended instructions for the application of wall graphics. Read the following instructions prior to application.

WALL PREP

Proper cleaning and preparation of the wall prior to application is critical to the success of the graphic. It is recommended that walls have little or no surface variation and a smooth texture that, if necessary, has been properly primed, painted and cured. If the wall is textured we cannot guarantee the graphics from lifting when installed.

Always test adhesion and paint/adhesive compatibility prior to use. To test graphic, apply a small strip of film in an inconspicuous area and let dwell for 2-3 days.

Self-adhesive materials will adhere to the first thing they meet. If it happens to be dirty hands or surfaces, it will stick to the dirt first -- resulting in a weak bond. If it's clean hands and walls, they'll stick to the wall.
Dust, dirt, moisture, and oils from your hands will diminish the life of the adhesive, so we do not recommend frequent removal and replacement.

Before applying graphics, ensure the wall surface is both clean and in good condition. Any contaminants (e.g., dust, dirt and grease) or defects (e.g., loose paint) on the substrate may cause loss of adhesion, and therefore, reduce the graphics durability and performance. For most interior painted drywall surfaces, simply wipe down the substrate with a clean, lint-free towel. Avoid detergents with lotions, waxes, creams, or oils.

Temperature plays an important role in how well vinyl sticks to a substrate. Follow the guidelines for minimum and maximum application temperatures and required service conditions before and after application.
Cold temperatures and poor surface conditions will cause adhesion loss or failure for graphics to stick on the walls surface. During the cold season turn heat to at-least 22°C degrees Celsius 24 hours before install and 24-36 hours after install.

Higher temperatures will make the film soft and more pliable. However, higher temperatures also make the adhesive more aggressive, which can lead to pre-tack and increased stretching if film repositioning is necessary. Lower temperatures will make the film more rigid and reduce the tack of the adhesive.

Conversely, when installing wall graphics in warm climates or the summer time, always note the position of A/C ducts. If you are installing a graphic in the summer time and A/C units are running at full capacity, make sure the vents are not located in a position where they are blowing on the wall graphic. If they are, then consider turning the A/C off or to a warmer temperature until a few days after the wall graphics have been successfully installed, allowing the adhesive enough time to bond with the painted surface at a warmer temperature.

If you are installing the graphics yourself, before you install, have the following application Tools ready;
• Lint-free cleaning cloths – for substrate cleaning
• Masking tape – for positioning
• Tape measure – for positioning
• Marking pencil – for marking position of the graphic
• Squeegee – for applying the graphic
• Heat gun – for heating vinyl during difficult applications
• Ladder

PAINT OPTIONS

Wall should be painted with latex paint and may have some gloss. Head office has recommended eggshell or satin finish.

Please select a standard eggshell or Matte paint **with voc**.

DO NOT USE/ PURCHASE
• **ZERO-VOC, LOW VOC paint.**
• **Paint with Silicones or waxes**

When painting your walls, it is recommend to **wait 30 days** after the paint has dried to install your wall graphics. The most common reason for adhesion failure is applying graphics on textured / freshly painted walls.
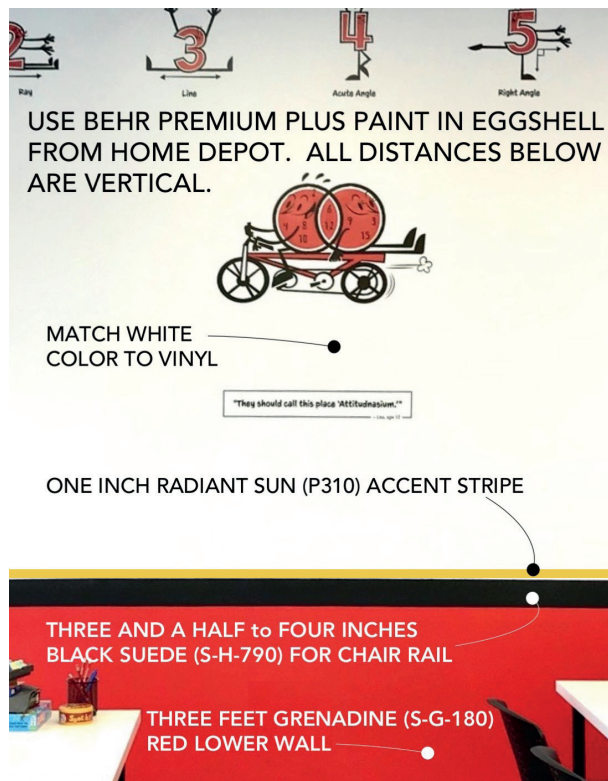
If you select the white vinyl package a vinyl sample for matching the paint will be added to your order. We highly recommend that you match your paint from this sample as colour can vary from one batch of vinyl to the next.

For the clear vinyl you **do not** need to colour match the vinyl to the white paint.

PAINT NOT USE:
- Paint with zero VOC (this more expensive paint with zero VOC'S, is not ideal for wall graphics as it causes the graphics to peel of the wall over time.

New low-volatile organic compounds (VOC) and scrubable paints contain a host of chemicals, including silicone, that make the painted surface more resistant and easier to clean without affecting the paint layer. These chemicals resist dirt, crayon, food and smudges — but also adhesives! The result is that graphics go up and then shortly thereafter, suffer from noticeable edge curling or completely fall off the walls! This is not the fault of the adhesive — it is the paint.

MATHNASIUM®
The Math Learning Center
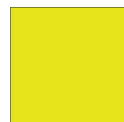
CANADA COLOR KEY
FOR INTERIOR PAINT (BEHR)

MATCH WHITE
TO VINYL WALL ART

TOP TOMATO P180-7
R:208 G:72 B:56

CARBON N520-7
R:61 G:62 B:62

RADIANT SUN P310-6
R:240 G:204 B:80
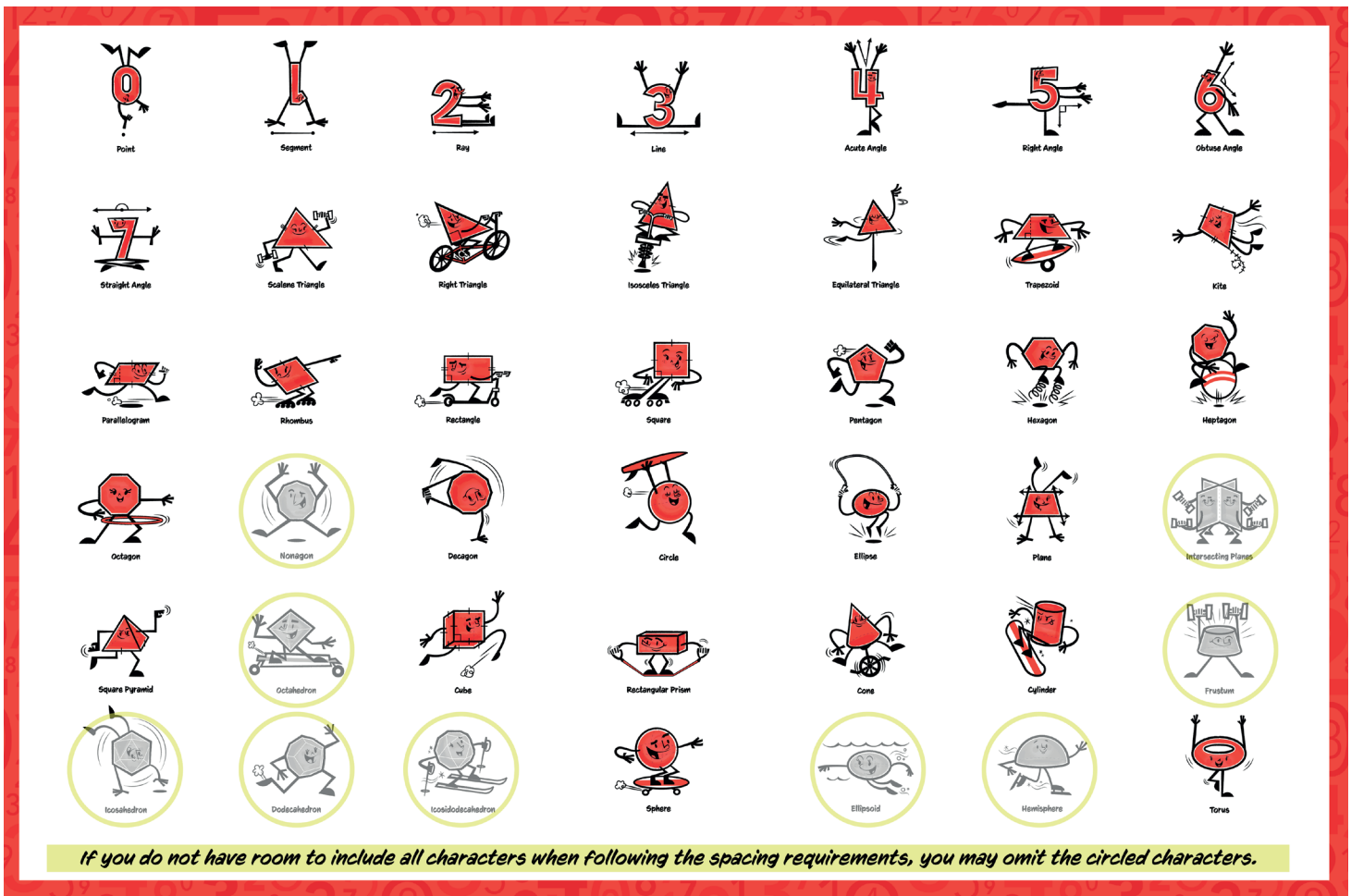
Changing Lives Through Math™

WALL ART INSTALLATION

Once you receive your order, please unroll the wall art graphics on a clean flat surface. Leave it for a few hours until the sheets are flat and has reached room temperature and then you can start cutting around the characters.

There are 10 sheets in the standard size set. Please cut around the images one by one.

Following the guide (page 3) Place the 42 *parade shape* in order from 1 to 42. (*Refer to below for the order of Parade of shapes.*)

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

If you do not have room to include all characters when following the spacing requirements, you may omit the circled characters.

There are tutorial videos available online on how to install your graphics.

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

HIGH PRIORITY	**MEDIUM PRIORIRTY**	**LOW PRIORITY**
Mathnasium Logo	Nine mountain bike	Z Axis swings
Quotes	Eight Lemniscate	Graph Skiers
Pi in Wheel	Infinite Zipline	Triangle Leg Press
See Saw trio: n$n+1 / 2+3 & 7-2/sin(x)	Complement dancers	Ace and Plus
Diving Square roots	Trampoline reciprocals	
Bike for two	Frisbee three fourths	
23 percent	Fibonacci Monkey Bars	
Cosine surfer		

Make sure you map out the layout of your centre and prior to installing know where you would like to place each graphic.
Before starting the application process, use masking tape to temporarily tape the edge of the wax paper on to the wall and ensure the spacing and position.

When handling the graphic, hold the film as far into the graphic as possible without wrinkling the film. This will avoid the transfer of dirt and oil from fingers to the edges of the graphic, which could result in edges peeling or lifting and eventual adhesion problems. Pull the liner/wax sheet from the film with two hands, using care not to stretch the film.

Always remove the liner from the graphic rather than the graphic from the liner.

We offer install within the Greater Toronto Area. Contact us for an estimate.

JF BRANDING INC. 416-840-4730 or sara@jfbranding.com

If you are not within the GTA, and do not have experience with installing wall graphics, we highly recommend hiring someone in the trade to install your graphics.

If you wish to install the graphics yourself there are tutorial videos available online on how to install your graphics.

Start installing with the 42 *parade shape* graphics. These graphics are to be installed at the top of the wall. (Please refer to the image on the for reference).

Minimum 16" spacing is recommended between each *parade shape* character, but depending on how much wall space you have you may need to increase the distance between each character. They should not be closer that 16" . (*see note below from head office).*

1. The actual spacing of characters in the parade of shapes will depend on wall length. Characters should be no closer than 16" apart, centre to centre.

2. Looking at it vertically, for every 2-3 character there should be one quote and one math activity. Using the chart below, determine where you will place the other larger images. Place one large "Math in Action" graphic and Quote for every three characters in your Parade of Shapes – Please see sample layout as a reference (Page 6). If you have leftover shapes you may place them in an office or bathroom.

 3. To arrange and preview the images on the wall, you will want to gently tape each image to the wall before removing the adhesive. Try to avoid having the tape touch the ink, and do not place tape on the front surface of the wall art, as it may peel off the illustration when you remove it. Rather, roll a small piece of tape, attaching end-to-end, with the sticky side out and place it on the wax paper on the back.

4. After the image is on the wall, either use a soft edge squeegee or take a soft, clean cloth and adding pressure, smooth over the image. Once you smooth the image down, do not try to lift the image again. Lifting after the image is firmly in place can cause stretching of the vinyl.

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