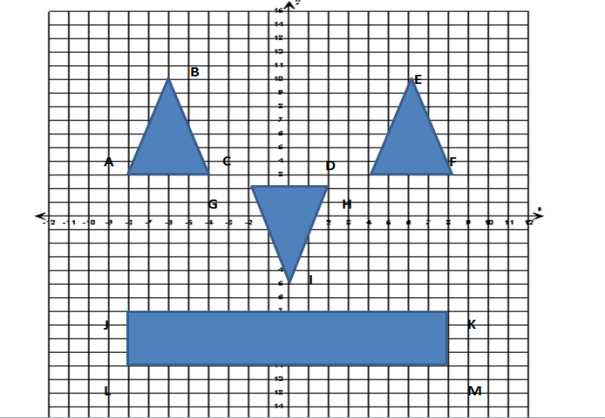
|  |  |  |  |
| --- | --- | --- | --- |
| Pumpkin Plotting | | | |
| **Point** | **X** | **Y** | **(x,y)** |
| **A** |  |  |  |
| **B** |  |  |  |
| **C** |  |  | Connect to A and stop |
| **D** |  |  |  |
| **E** |  |  |  |
| **F** |  |  | Connect to D and stop |
| **G** |  |  |  |
| **H** |  |  |  |
| **I** |  |  | Connect to G and stop |
| **J** |  |  |  |
| **K** |  |  |  |
| **L** |  |  |  |
| **M** |  |  | Connect to J and stop |

Create Your Own Pumpkin Design

1. Design a picture on a coordinate plane that only has lines (no curves). The design must have at least 10 points.
2. Figure equations that equal the x and y values of all the points of your picture. (Make sure to meet the equation requirements.)
3. **Enter the Pumpkin Contest**-Carve or paint your design onto a pumpkin. A winner from each class will receive a prize. All pumpkins must be submitted to the contest by October 30th.

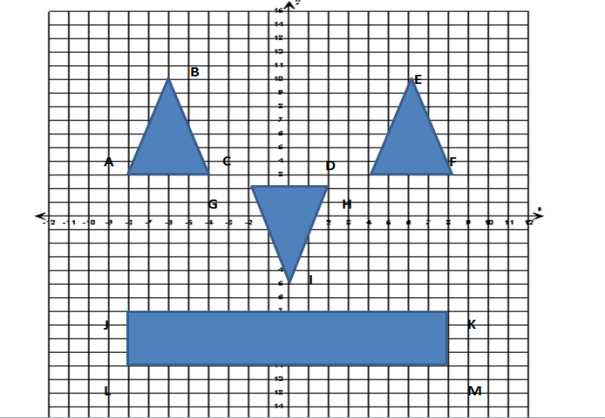
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**Equation Requirements**

1. Includes at least 20 equations (2 equations for each point)
2. 5 include multiplication
3. 5 include division
4. 10 2-step equations
5. 5 include negative numbers

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**Equation Requirements**

1. Includes at least 20 equations (2 equations for each point)
2. All 2-step or multi-step equations
3. 3 include distributive property
4. 5 include division
5. 5 include multiplication
6. 5 have variables on both sides
7. 5 have negative numbers