Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |
| --- | --- | --- |
|  | **Directions** | **Symbol** |
| 1 | Move one Square Right | 🡪 |
| 2 | Fill Square |  |
| 3 |  |  |
| 4 |  |  |
| 5 |  |  |

**MHS Enrichment Coding Continuum – Unplugged Activity #1**  
  
Finish the directions  
  
Write the algorithm for the following:

\*Always begin in square with star

|  |  |  |
| --- | --- | --- |
| \* |  |  |
|  |  |  |
|  |  |  |

**Options**:

Move One Square Left  
  
Move One Square Right  
  
Move One Square Down  
  
Move One Square Up

Fill Square.

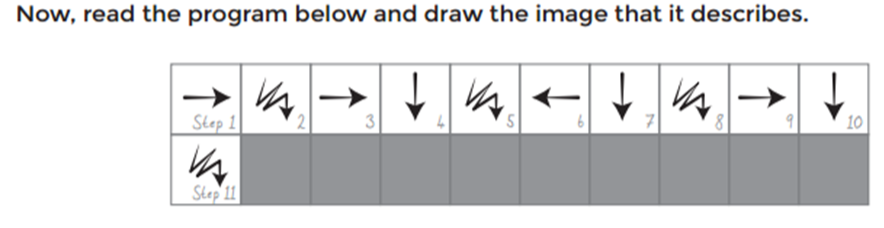
**Solution:**

Move one square right. 🡪

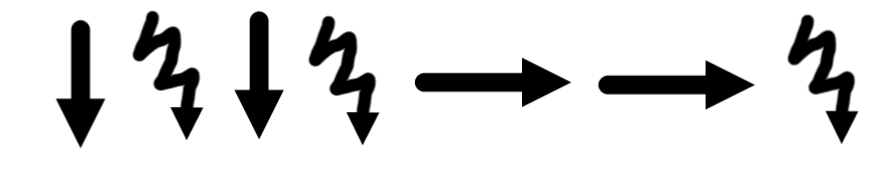
Fill in square. 

Move one square down. 

Move one square right. 🡪  
  
Fill in square. 

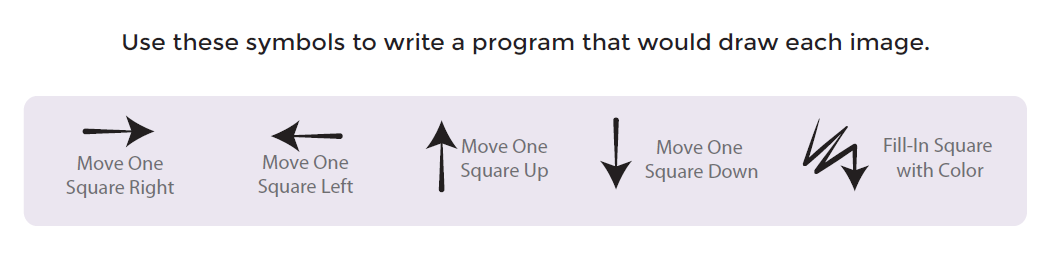


|  |  |  |  |
| --- | --- | --- | --- |
| Start Here |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |



**Hint**: Always start at the STAR, be sure to shade in the full square.

|  |  |  |  |
| --- | --- | --- | --- |
| Start Here |  |  |  |
|  |  |  |  |
|  |  |  |  |

  
\*Always begin in square with star

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Step 1 | Step 2 | Step 3 | Step 4 | Step 5 | Step 6 | Step 7 | Step 8 | Step 9 | Step 10 |
| Step 11 | Step 12 | Step 13 | Step 14 | Step 15 | Step 16 | Step 17 | Step 18 | Step 19 | Step 20 |

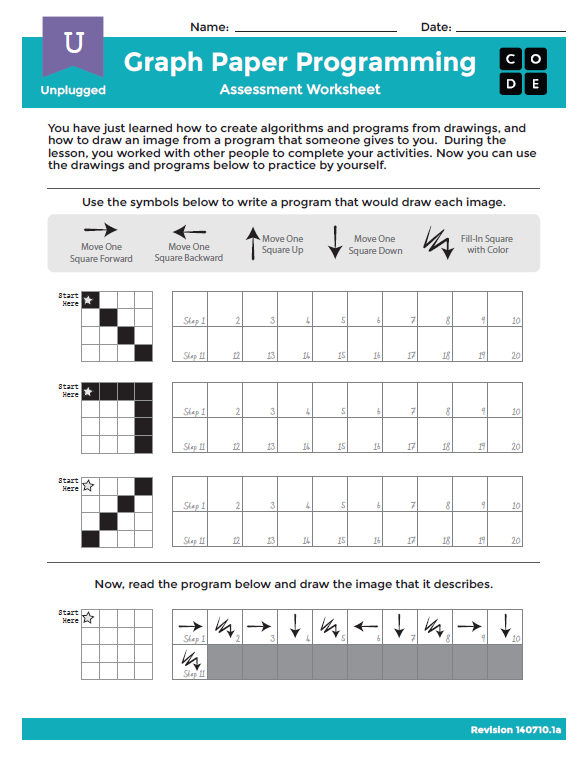
|  |  |  |
| --- | --- | --- |
| \* |  |  |
|  |  |  |
|  |  |  |

Now you fill in 3 random squares and write the  
 program that would draw the image.

\*Always begin in square with star

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Step 1 | Step 2 | Step 3 | Step 4 | Step 5 | Step 6 | Step 7 | Step 8 | Step 9 | Step 10 |
| Step 11 | Step 12 | Step 13 | Step 14 | Step 15 | Step 16 | Step 17 | Step 18 | Step 19 | Step 20 |

|  |  |  |
| --- | --- | --- |
| \* |  |  |
|  |  |  |
|  |  |  |



***Reminder: You must get your Contiuum Card initialed by a teacher before going to next level!***