



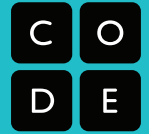
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Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Graph Paper Programming

## Four-by-Fours Activity Worksheet



Choose one of the drawings below to program for a friend. Don't let them see which one you choose!

Write the program on a piece of paper using symbols. Can they recreate your picture?

Use these symbols to write a program that would draw each image.

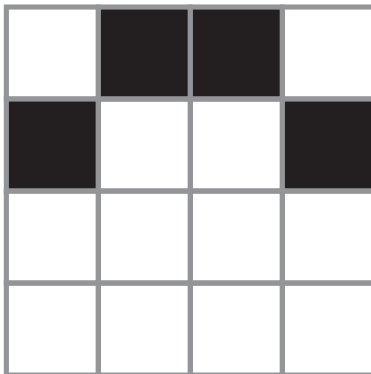
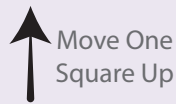
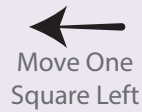


Image 1

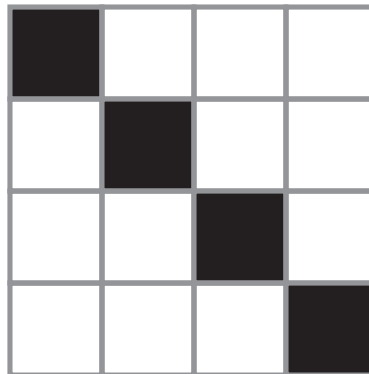


Image 2

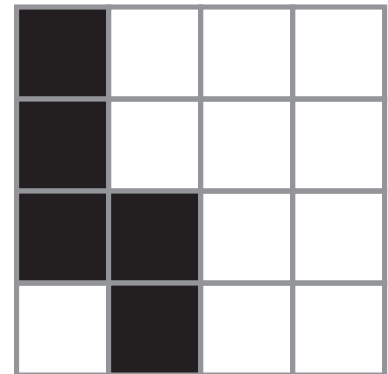


Image 3

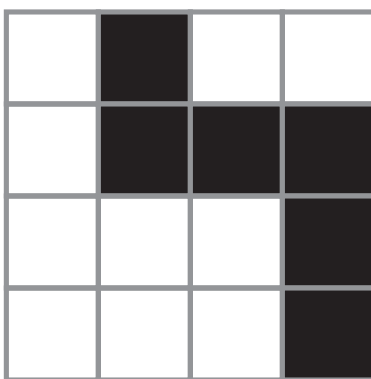


Image 4

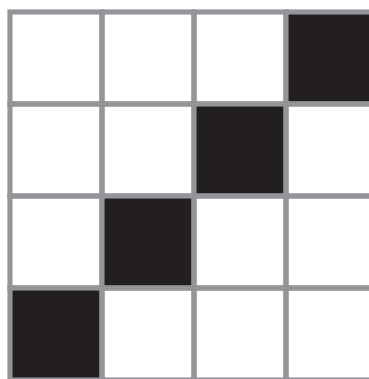


Image 5

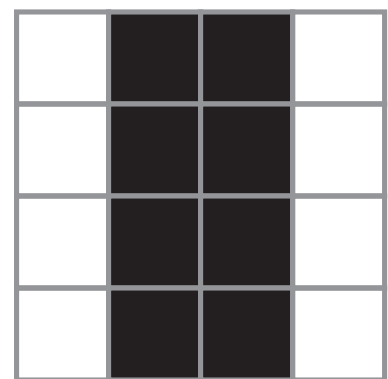
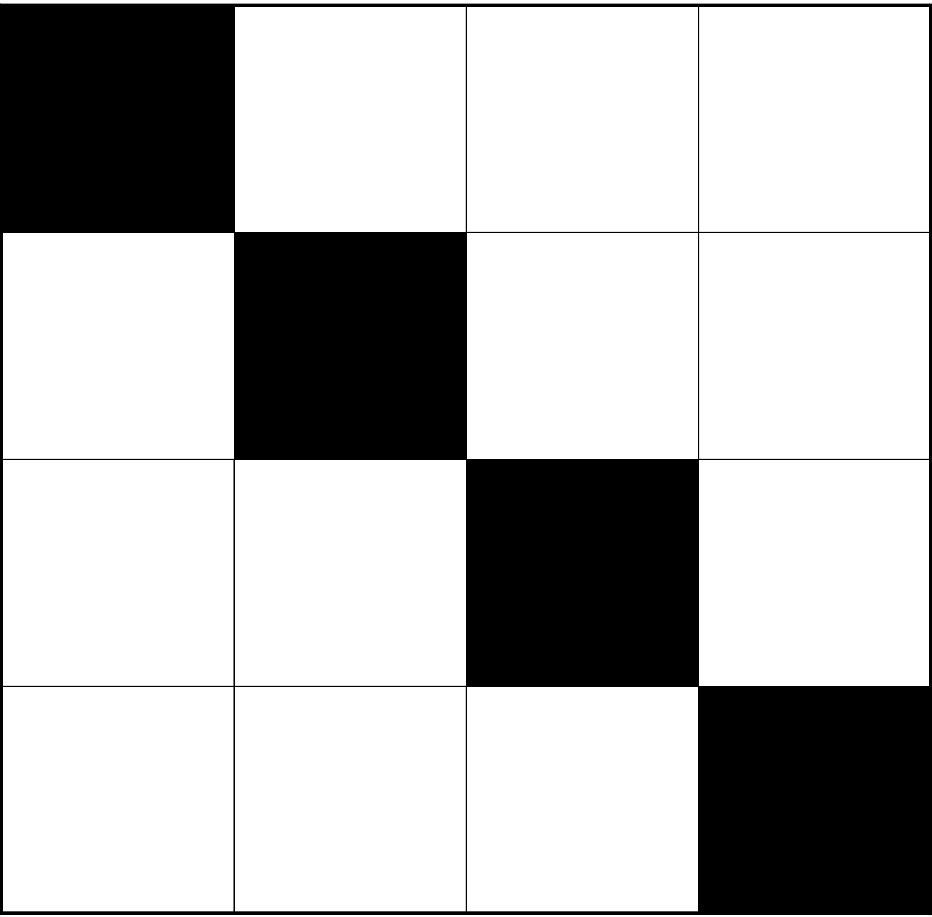
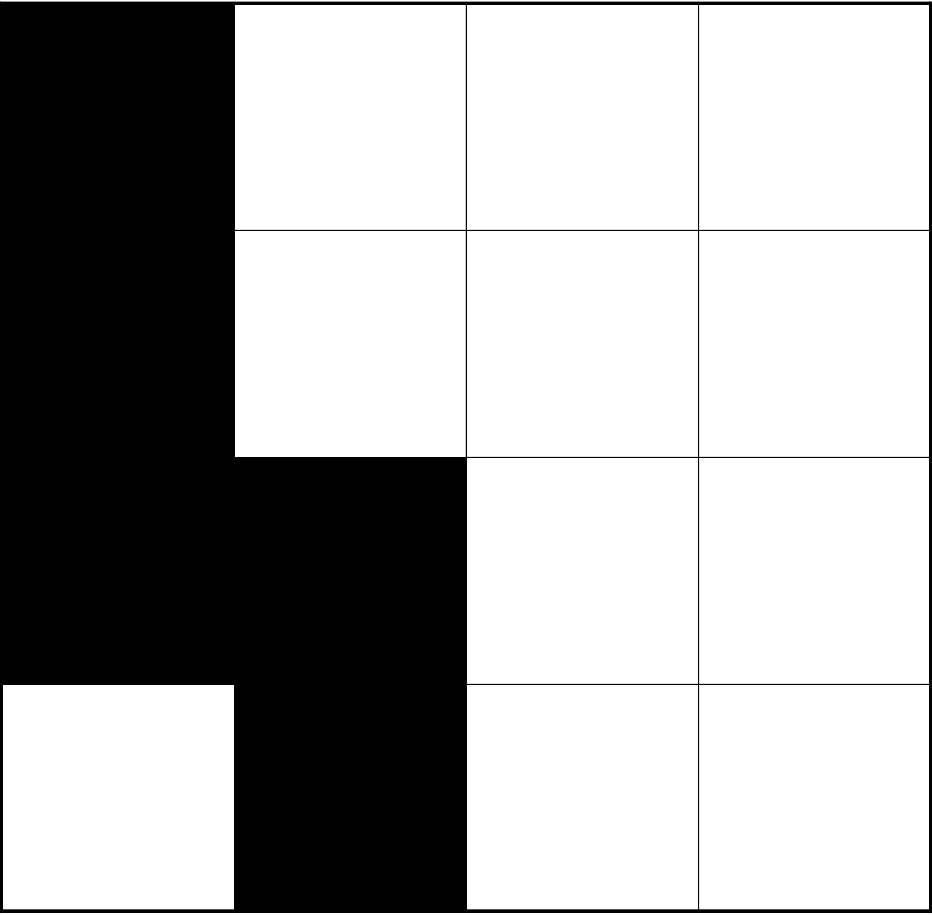
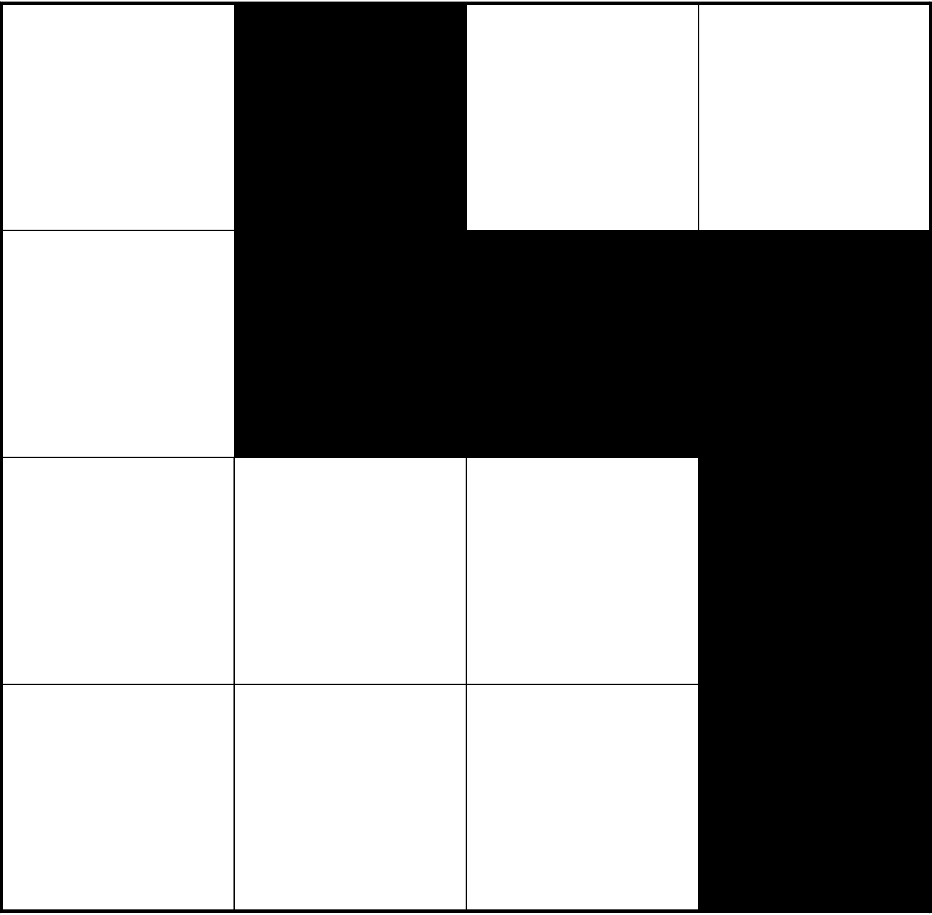


Image 6







1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40	41	42	43	44	45



Make your own for a to friend code
















## Coding with Micropopz

Students will choose a story grid and Micropopz character. They will write a descriptive paragraph about their superhero. The paragraph will include the locations and items found on the story grid. When finished, they will write code so their superhero will perform the actions in their story.

### Example

Captain America woke up early on a Saturday morning. Duty called and he immediately had to save a girl who was stuck at the very top of the ferris wheel at the state fair. As he was getting her down safely, he had to venture to the state park. Apparently there was a boat sinking rapidly. Once again, he saved the day. Exhausted and hungry, Captain America treated himself to a large pepperoni pizza.



															
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	



