



Coordinate Graphing Mystery Picture Worksheet

Practice plotting ordered pairs with this fun Back to School Owl coordinate graphing mystery picture! This activity is easy to differentiate by choosing either the first quadrant (positive whole numbers) or the four quadrant (positive and negative whole numbers) worksheet. All points are represented by whole numbers, there are no fractions or decimals. This activity is perfect for math centers, early finishers or homework. For a fun bulletin board display, instruct students to be creative and color the picture however they like and then hang the completed pictures on your board or wall.

Graphing paper, coordinates worksheets and answer keys are included.

Instructions:

Students plot the ordered pairs and draw connecting straight lines as they plot. When the word "STOP" is reached, the student should NOT connect the last point with the first in the group.

Table of Contents

First Quadrant Pages

Page 2: First Quadrant Graph paper with a grey grid (best choice so students can easily see their work)

Page 3: First Quadrant Mystery Picture Coordinates List

Page 4: First Quadrant Mystery Picture Answer Key in Color

Page 5: First Quadrant Mystery Picture Answer Key with lines only

Page 6: First Quadrant Graph paper with a black grid (use if the grey grid on page 2 does not copy well with your copier)

Four Quadrant Pages

Page 7: Four Quadrants Graph paper with a grey grid (best choice so students can easily see their work)

Page 8: Four Quadrants Mystery Picture Coordinates List

Page 9: Four Quadrants Mystery Picture Answer Key in Color

Page 10: Four Quadrants Mystery Picture Answer Key with lines only

Page 11: Four Quadrants Graph paper with a black grid (use if the grey grid on page 7 does not copy well with your copier)

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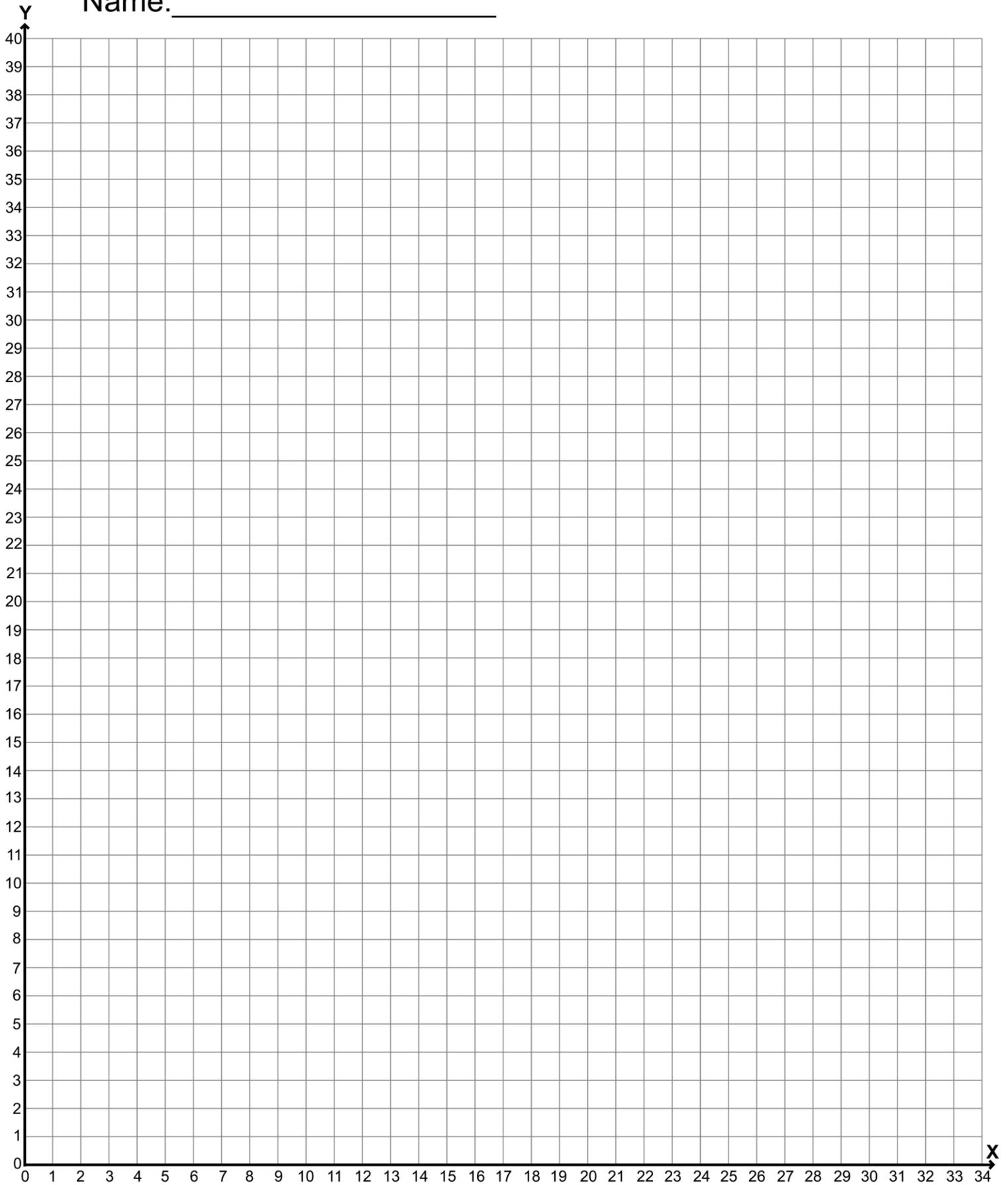
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Coordinate Graphing Mystery Picture - First Quadrant

Name: _____

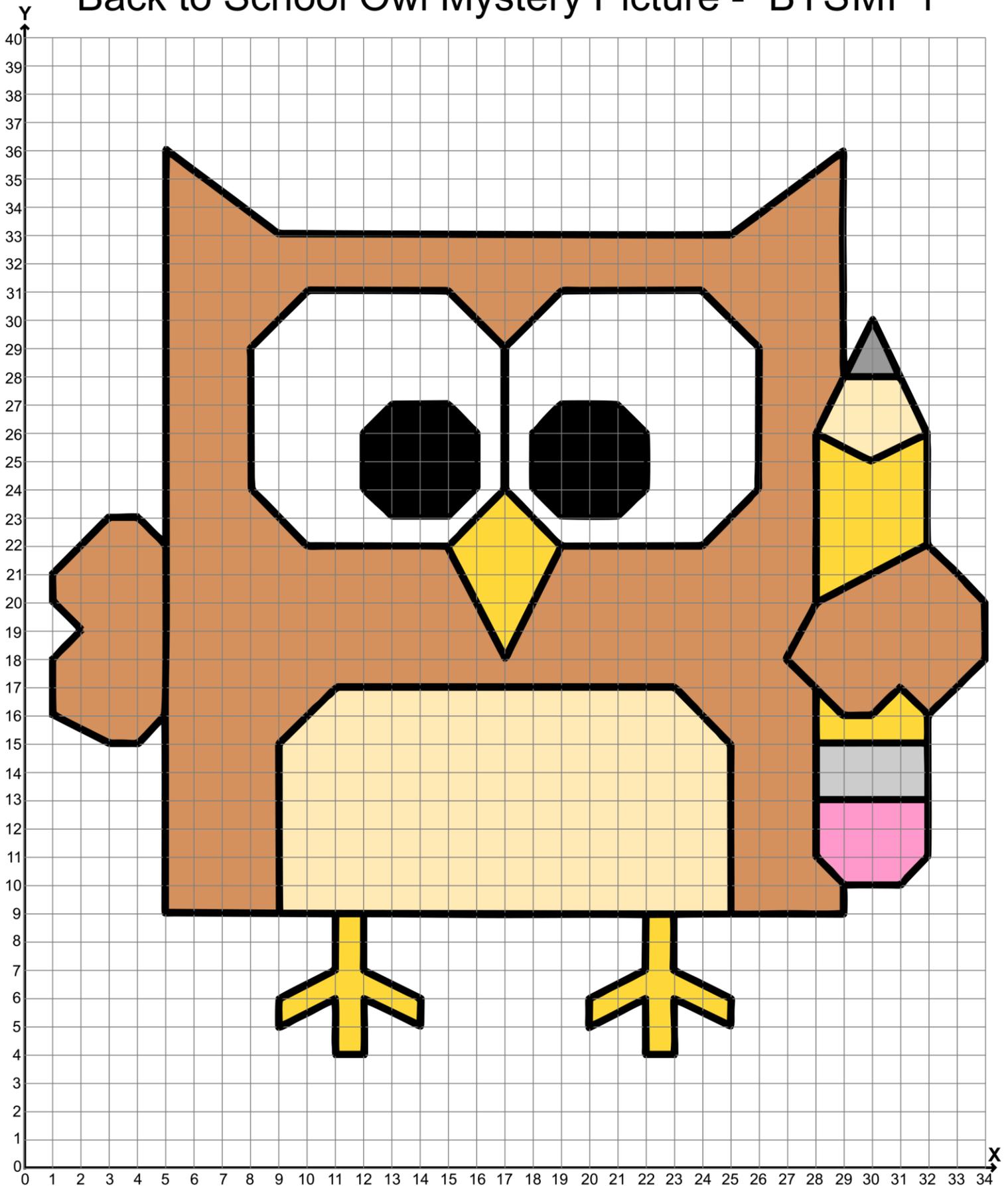


Coordinate Graphing Mystery Picture - First Quadrant

Plot the ordered pairs and connect them with a straight line as you plot.

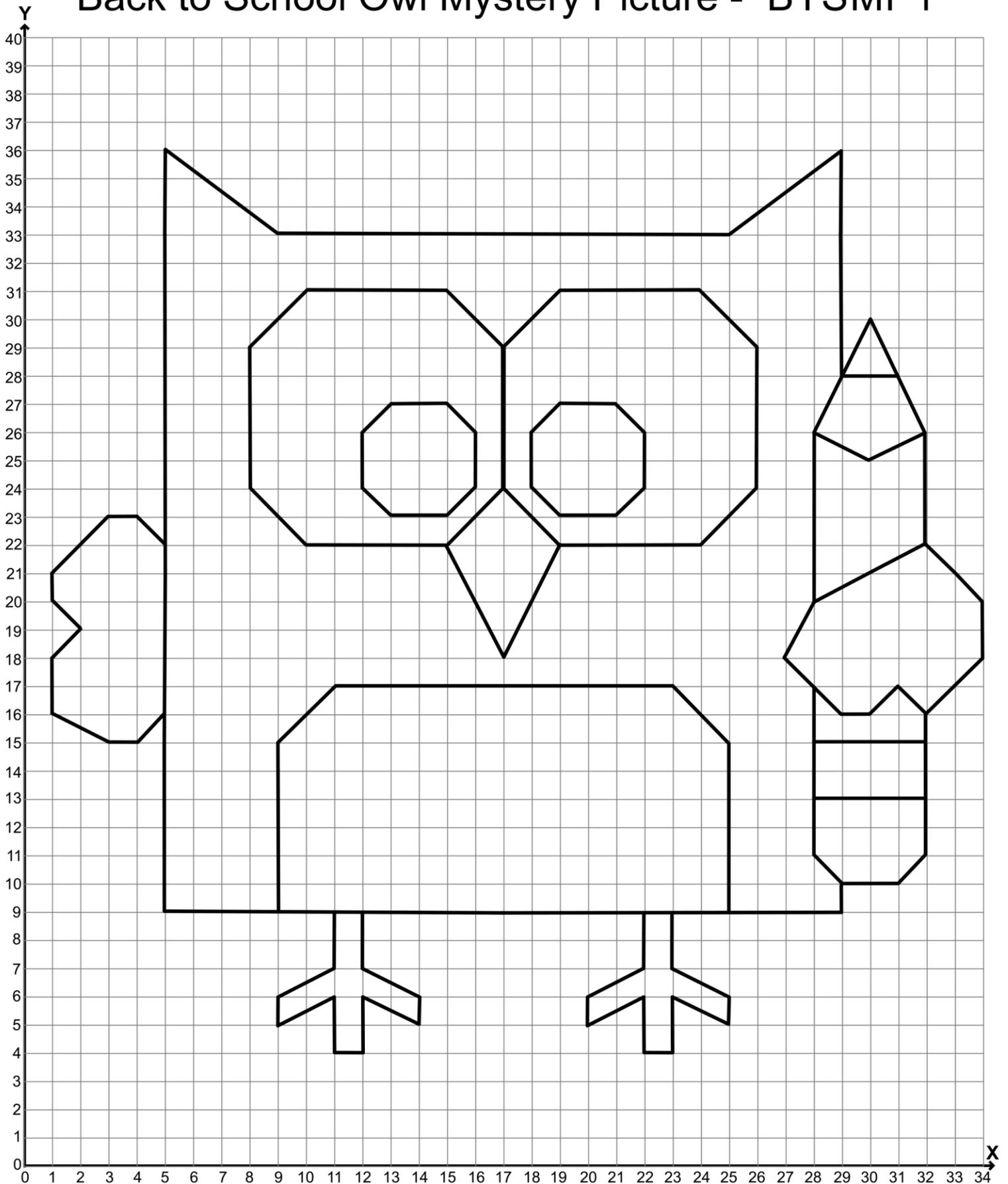
| | | | |
|---------|---------|---------|---------|
| START | START | (30,16) | STOP |
| (30,25) | (17,24) | (29,16) | |
| (32,26) | (19,22) | (27,18) | START |
| (30,30) | (24,22) | STOP | (28,13) |
| (28,26) | (26,24) | | (28,17) |
| (30,25) | (26,29) | START | STOP |
| STOP | (24,31) | (17,29) | |
| | (19,31) | (15,31) | START |
| START | (17,29) | (10,31) | (19,27) |
| (13,23) | (17,24) | (8,29) | (21,27) |
| (15,23) | STOP | (8,24) | (22,26) |
| (16,24) | | (10,22) | (22,24) |
| (16,26) | START | (15,22) | (21,23) |
| (15,27) | (28,13) | (17,24) | (19,23) |
| (13,27) | (28,11) | STOP | (18,24) |
| (12,26) | (29,10) | | (18,26) |
| (12,24) | (31,10) | START | (19,27) |
| (13,23) | (32,11) | (28,26) | STOP |
| STOP | (32,13) | (28,20) | |
| | (28,13) | STOP | START |
| START | STOP | | (28,15) |
| (9,9) | | START | (32,15) |
| (9,15) | START | (19,22) | STOP |
| (11,17) | (11,9) | (17,18) | |
| (23,17) | (11,7) | (15,22) | START |
| (25,15) | (9,6) | STOP | (29,28) |
| (25,9) | (9,5) | | (31,28) |
| STOP | (11,6) | START | STOP |
| | (11,4) | (32,13) | |
| START | (12,4) | (32,16) | START |
| (5,22) | (12,6) | STOP | (29,10) |
| (4,23) | (14,5) | | (29,9) |
| (3,23) | (14,6) | START | (5,9) |
| (1,21) | (12,7) | (22,9) | (5,36) |
| (1,20) | (12,9) | (22,7) | (9,33) |
| (2,19) | STOP | (20,6) | (25,33) |
| (1,18) | | (20,5) | (29,36) |
| (1,16) | START | (22,6) | (29,28) |
| (3,15) | (27,18) | (22,4) | STOP |
| (4,15) | (28,20) | (23,4) | |
| (5,16) | (32,22) | (23,6) | |
| STOP | (34,20) | (25,5) | |
| | (34,18) | (25,6) | |
| | (32,16) | (23,7) | |
| | (31,17) | (23,9) | |

Back to School Owl Mystery Picture - BTSMP1



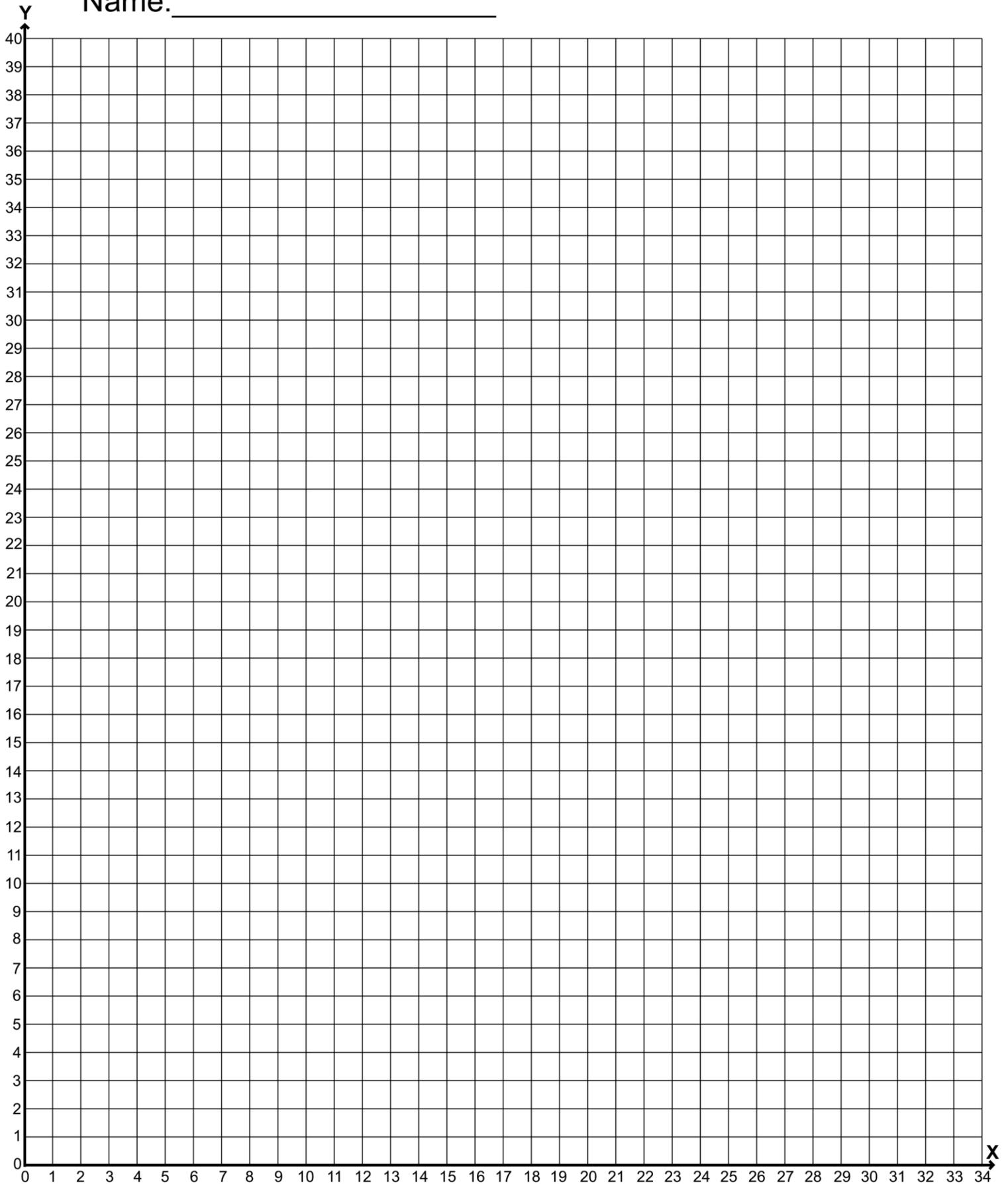
This is an example of how the picture could be colored. Encourage students to be creative and color the picture however they like.

Back to School Owl Mystery Picture - BTSMP1



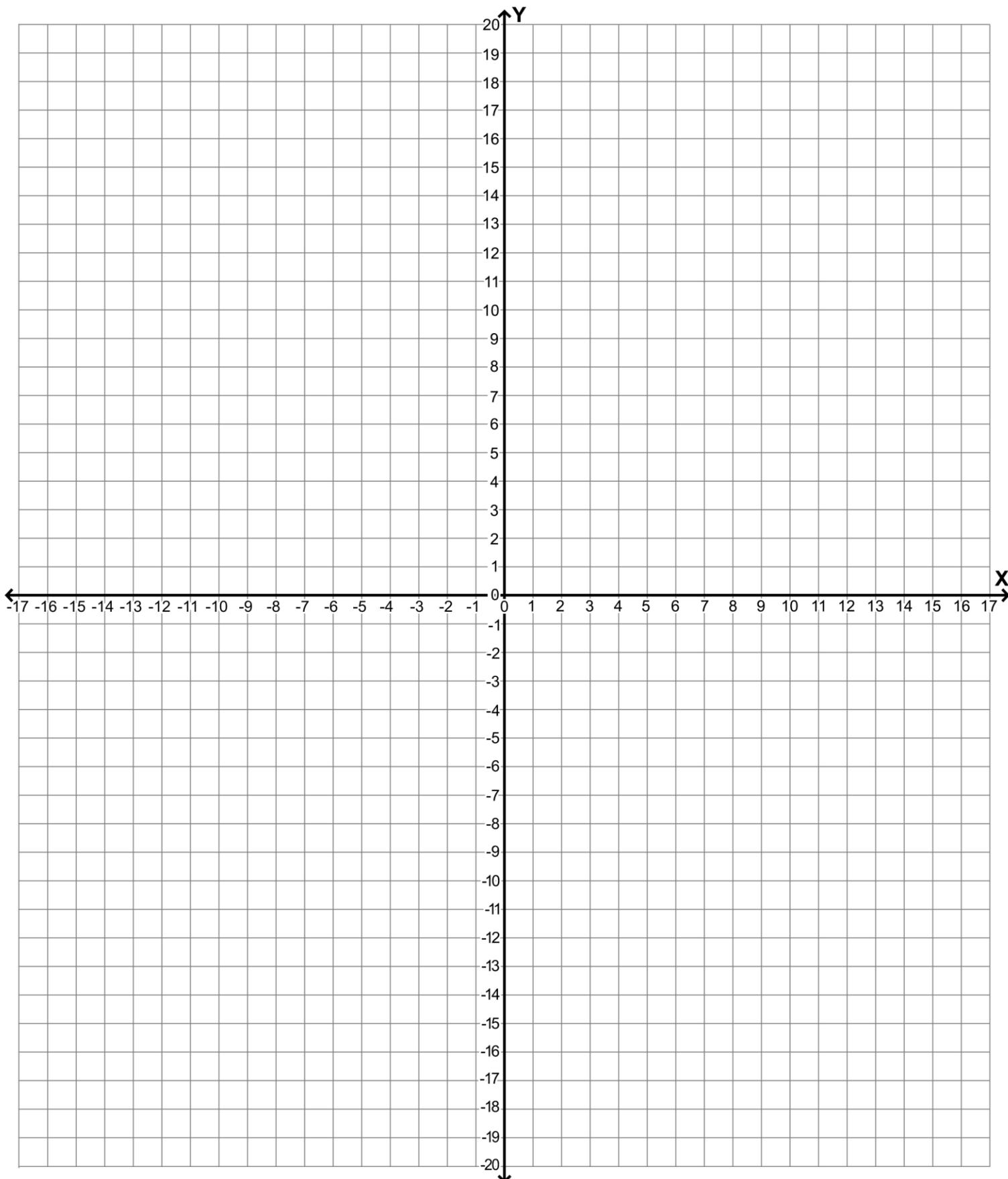
Coordinate Graphing Mystery Picture - First Quadrant

Name: _____



Coordinate Graphing Mystery Picture - Four Quadrants

Name: _____

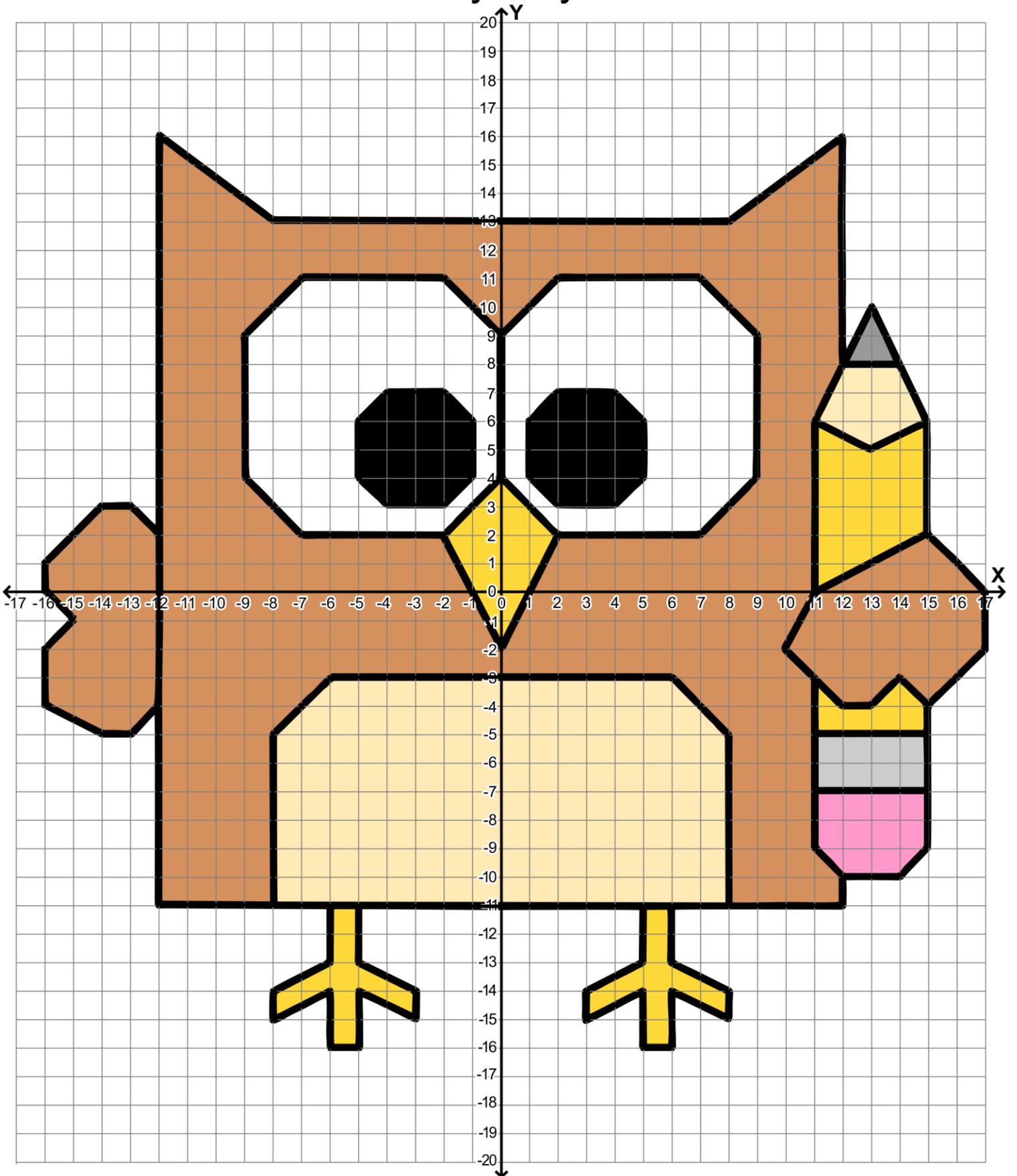


Coordinate Graphing Mystery Picture - Four Quadrants

Plot the ordered pairs and connect them with a straight line as you plot.

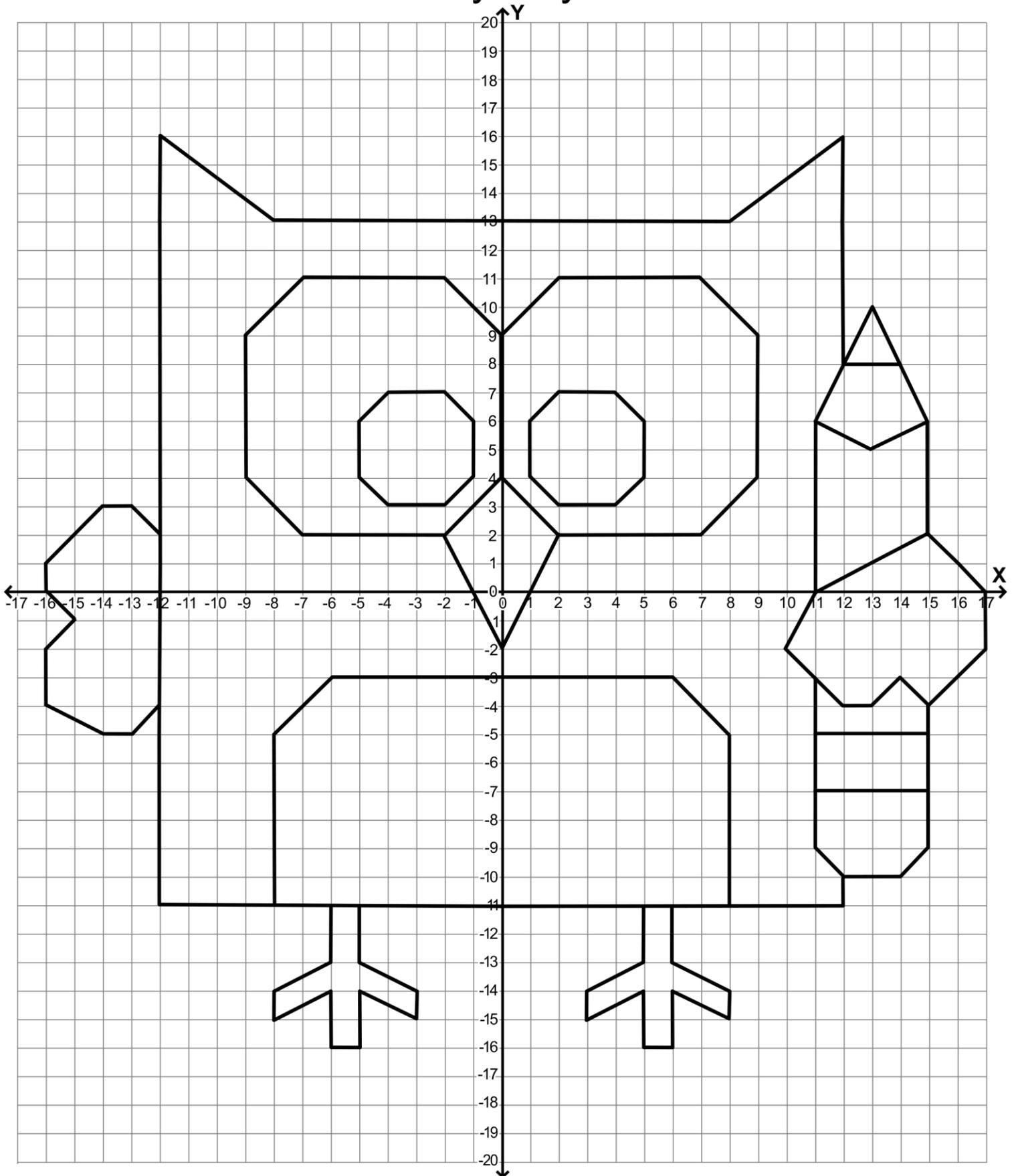
| | | | |
|----------|----------|---------|-----------|
| START | START | (13,-4) | STOP |
| (13,5) | (0,4) | (12,-4) | |
| (15,6) | (2,2) | (10,-2) | START |
| (13,10) | (7,2) | STOP | (11,-7) |
| (11,6) | (9,4) | | (11,-3) |
| (13,5) | (9,9) | START | STOP |
| STOP | (7,11) | (0,9) | |
| | (2,11) | (-2,11) | START |
| START | (0,9) | (-7,11) | (2,7) |
| (-4,3) | (0,4) | (-9,9) | (4,7) |
| (-2,3) | STOP | (-9,4) | (5,6) |
| (-1,4) | | (-7,2) | (5,4) |
| (-1,6) | START | (-2,2) | (4,3) |
| (-2,7) | (11,-7) | (0,4) | (2,3) |
| (-4,7) | (11,-9) | STOP | (1,4) |
| (-5,6) | (12,-10) | | (1,6) |
| (-5,4) | (14,-10) | START | (2,7) |
| (-4,3) | (15,-9) | (11,6) | STOP |
| STOP | (15,-7) | (11,0) | |
| | (11,-7) | STOP | START |
| START | STOP | | (11,-5) |
| (-8,-11) | | START | (15,-5) |
| (-8,-5) | START | (2,2) | STOP |
| (-6,-3) | (-6,-11) | (0,-2) | |
| (6,-3) | (-6,-13) | (-2,2) | START |
| (8,-5) | (-8,-14) | STOP | (12,8) |
| (8,-11) | (-8,-15) | | (14,8) |
| STOP | (-6,-14) | START | STOP |
| | (-6,-16) | (15,-7) | |
| START | (-5,-16) | (15,-4) | START |
| (-12,2) | (-5,-14) | STOP | (12,-10) |
| (-13,3) | (-3,-15) | | (12,-11) |
| (-14,3) | (-3,-14) | START | (-12,-11) |
| (-16,1) | (-5,-13) | (5,-11) | (-12,16) |
| (-16,0) | (-5,-11) | (5,-13) | (-8,13) |
| (-15,-1) | STOP | (3,-14) | (8,13) |
| (-16,-2) | | (3,-15) | (12,16) |
| (-16,-4) | START | (5,-14) | (12,8) |
| (-14,-5) | (10,-2) | (5,-16) | STOP |
| (-13,-5) | (11,0) | (6,-16) | |
| (-12,-4) | (15,2) | (6,-14) | |
| STOP | (17,0) | (8,-15) | |
| | (17,-2) | (8,-14) | |
| | (15,-4) | (6,-13) | |
| | (14,-3) | (6,-11) | |

Back to School Owl Mystery Picture - BTSMP1



This is an example of how the picture could be colored. Encourage students to be creative and color the picture however they like.

Back to School Owl Mystery Picture - BTSMP1



Coordinate Graphing Mystery Picture - Four Quadrants

Name: _____

