

## Starburst 4 Grade 3 KEY

## Graphing

**25 points total. Every action (plotting points, connecting points, answer questions) is worth  $\frac{1}{2}$  point. Use your best judgement.**

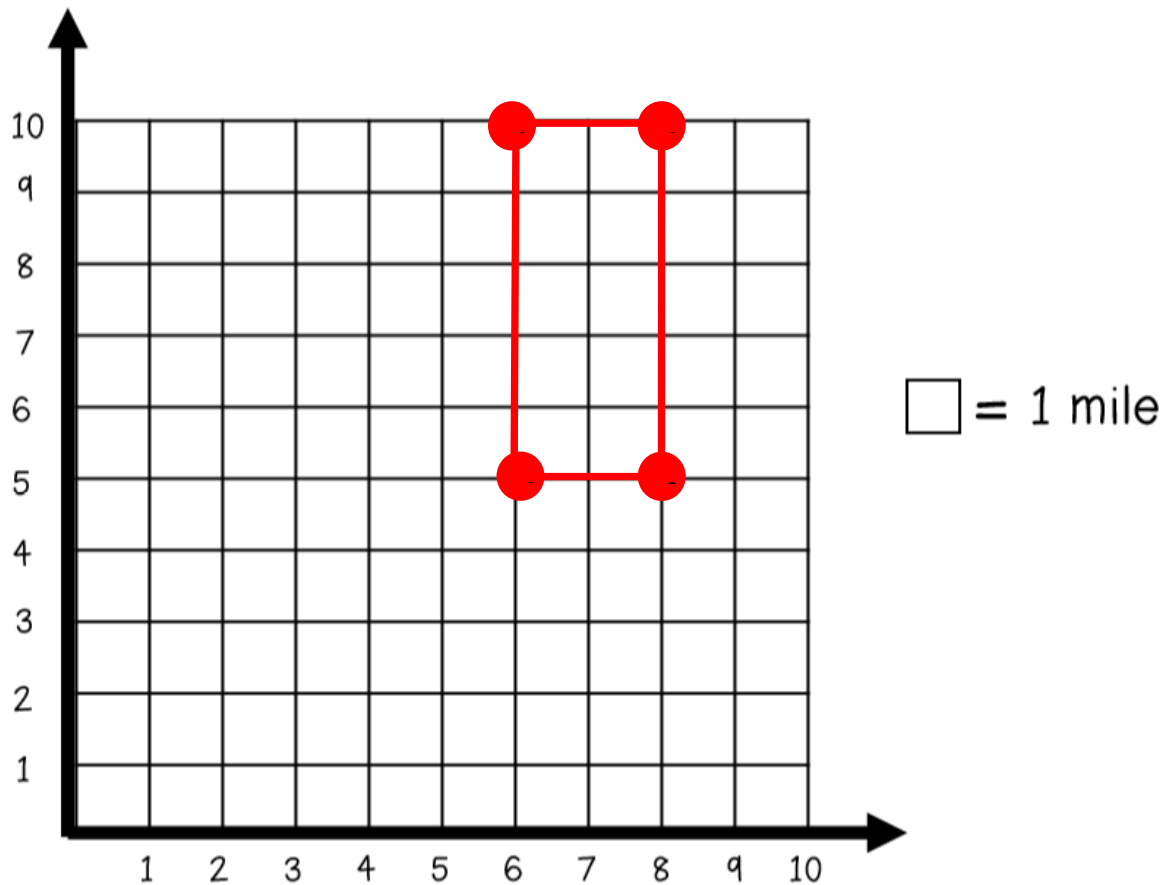


Chart the fox's territory-

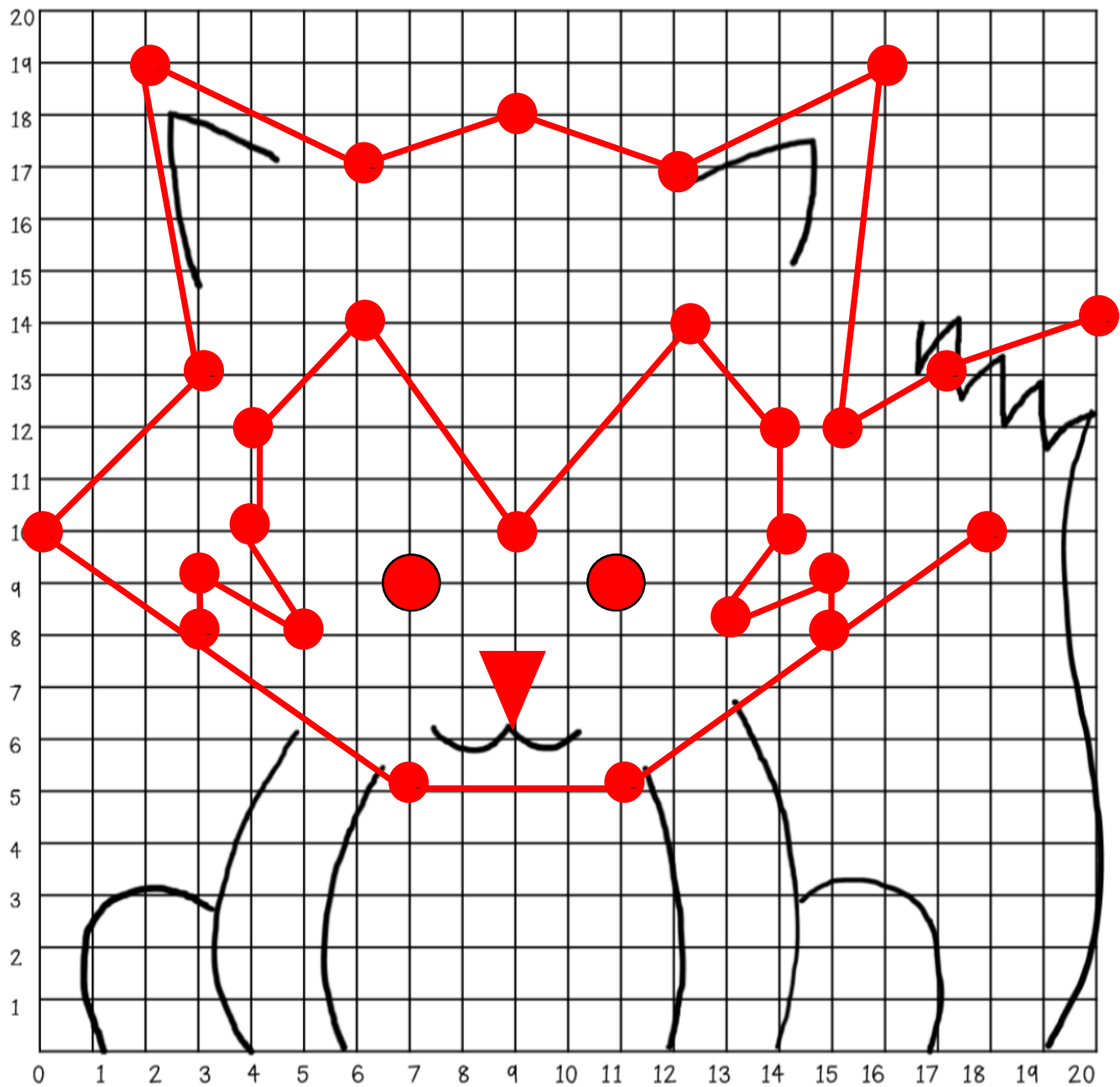
Draw a rectangle with vertices: (6, 5) (8, 5) (8, 10) (6, 10)



What is the area of the fox's territory? 10 square miles

What is the perimeter? 14 miles

Use the ordered pairs to draw dots and connect them in order.  
Follow the instructions on the smaller boxes.



A (20, 15) I (3, 13)  
B (17, 14) J (0, 10)  
C (15, 13) K (7, 5)  
D (16, 14) L (11, 5)  
E (12, 17) M (18, 10)  
F (9, 18)  
G (6, 17) Connect back to  
H (2, 14) (15, 13)

New Line  
N (3, 8)  
O (3, 9)  
P (5, 8)  
Q (4, 10)  
R (4, 12)  
S (6, 14)  
T (9, 10)  
U (12, 14)  
V (14, 12)  
W (14, 10)  
X (13, 8)  
Y (15, 9)  
Z (15, 8)

Draw a big  
upside down  
triangle at (9, 7)  
▼

Draw big dots at:  
(7, 9) and (11, 9)