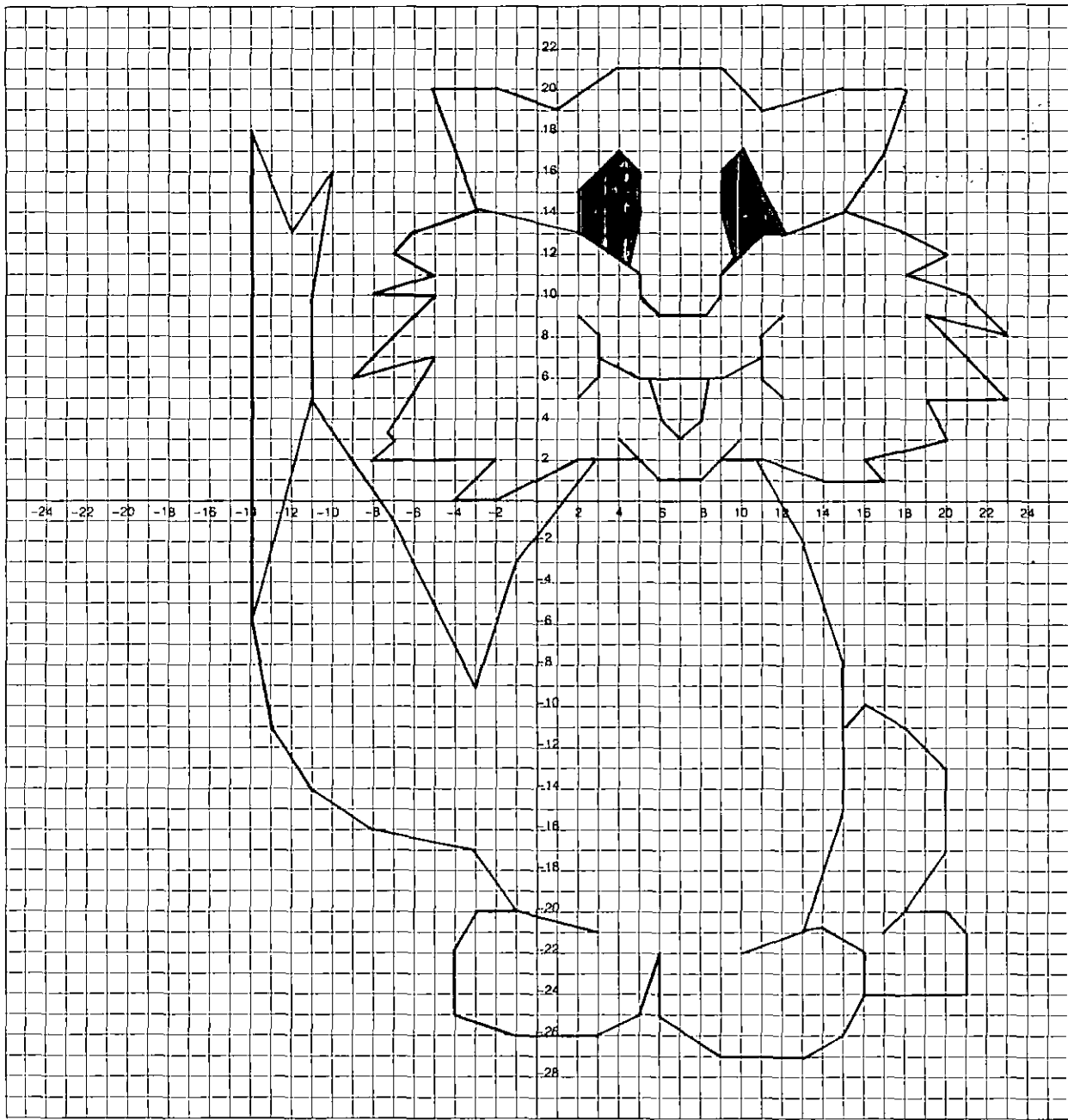


# 46.

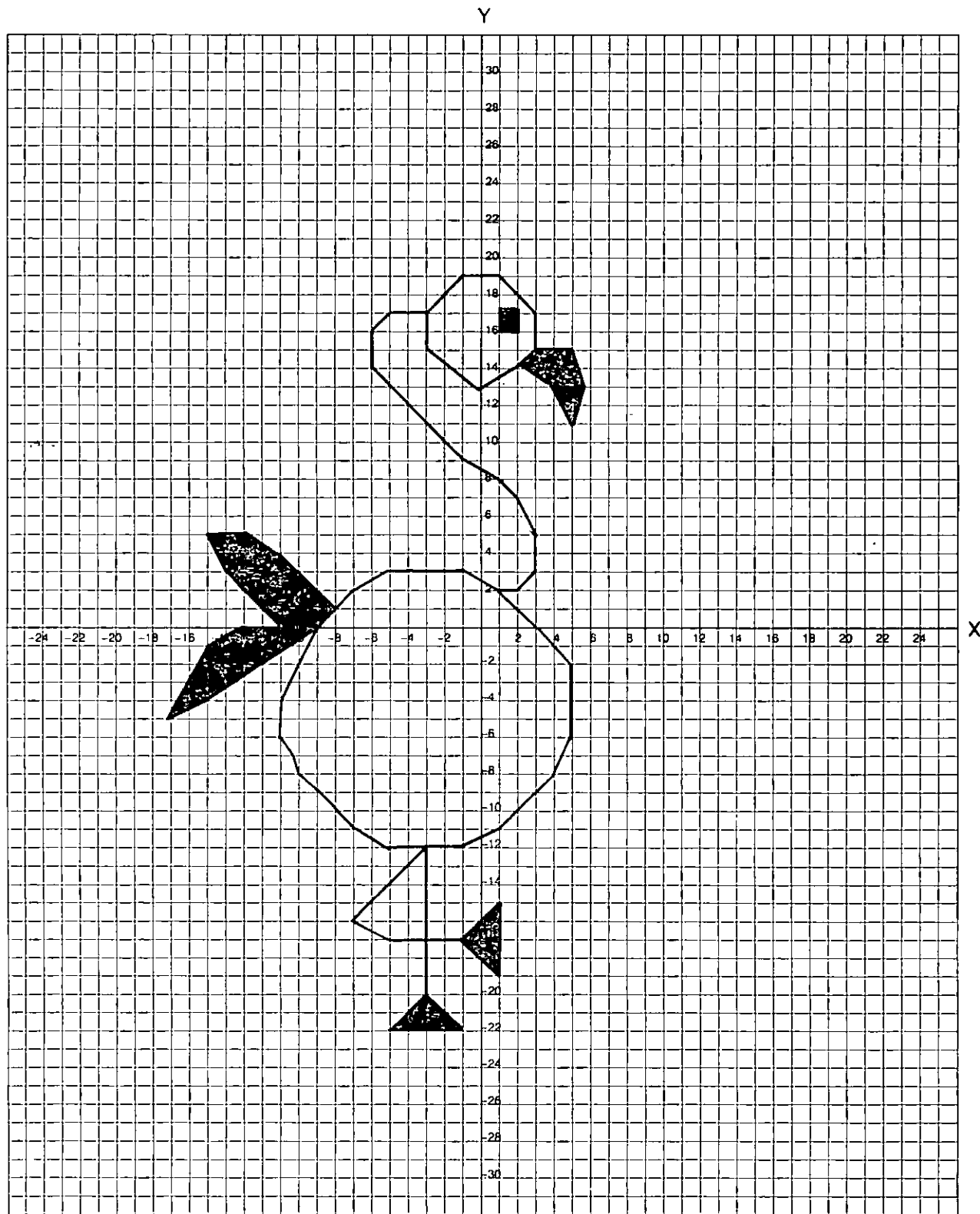
## Graphing

“Meow”

Y

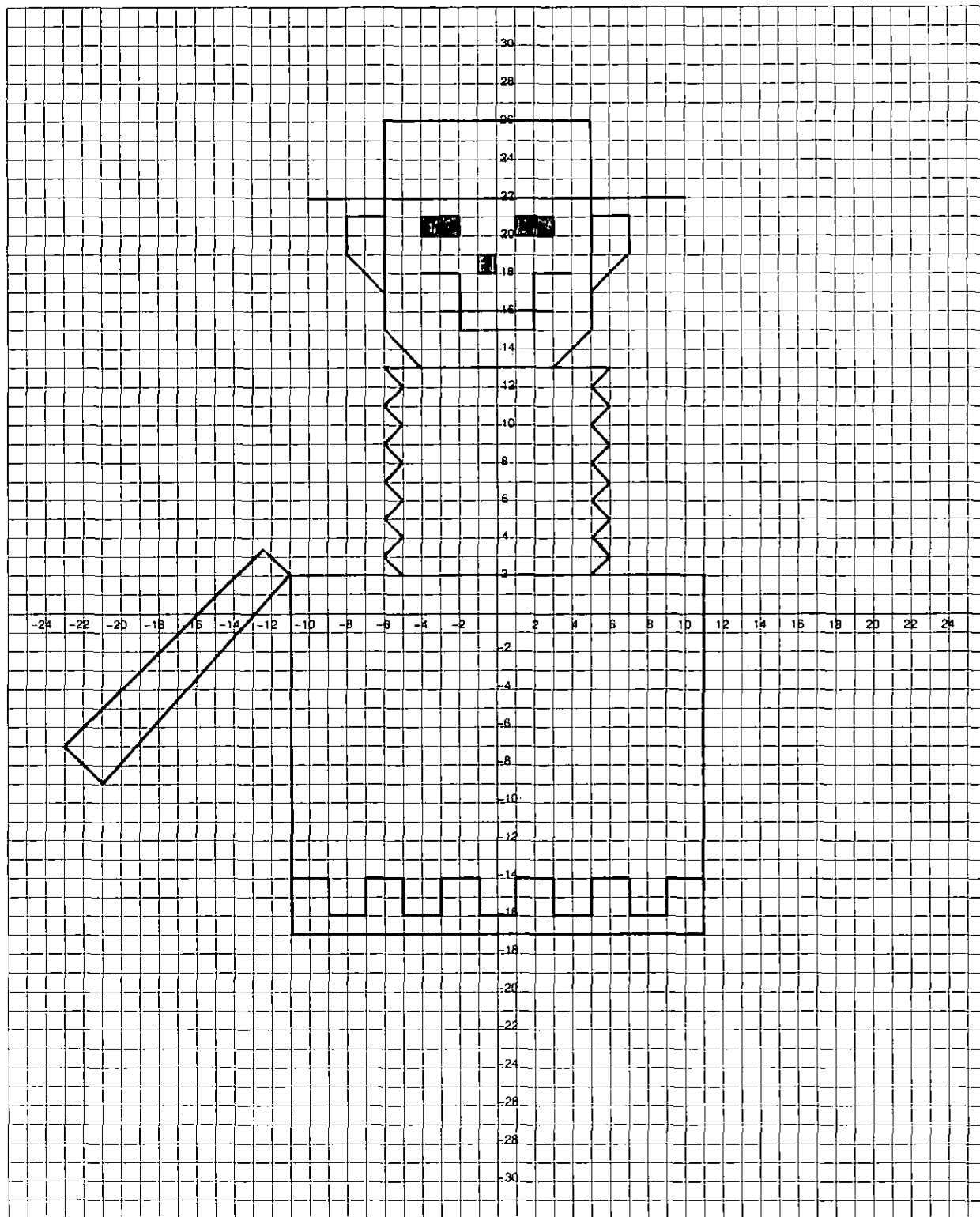


# "Flamingo"



# “Surprise”

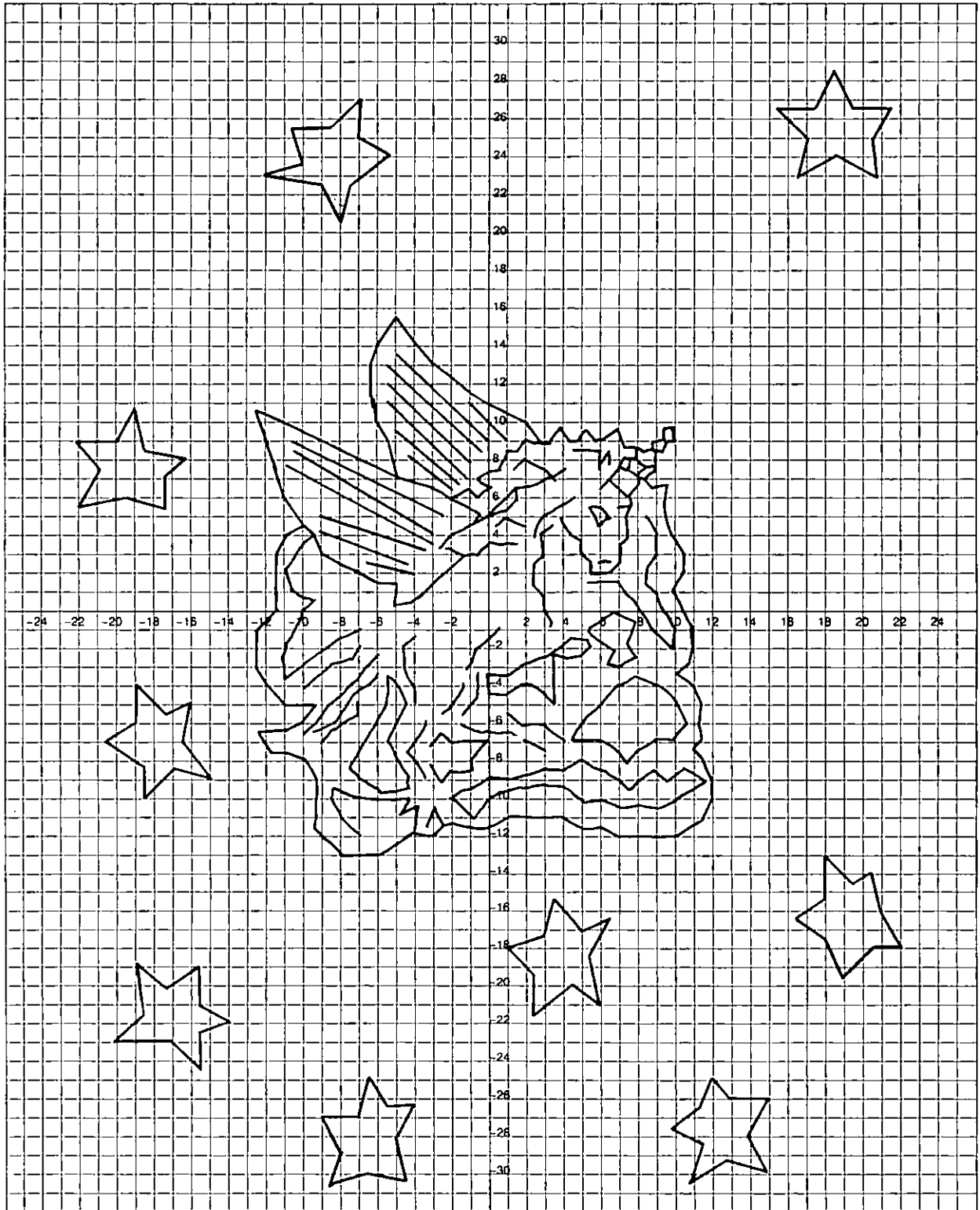
Y



X

# “Unicorn”

Y



## GRAPHING KEY

### "Meow"

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(5, 2) (2, 2) (-2, 0) (-4, 0) (-2, 2) (-8, 2) (-7, 3) (-5, 7) (-9, 6) (-5, 10) (-8, 10) (-5, 11)  
(-7, 12) (-6, 13) (-3, 14) (-5, 20) (-2, 20) (1, 19) (4, 21) (9, 21) (11, 19) (15, 20) (18, 20)  
(17, 17) (15, 14) (18, 13) (20, 12) (18, 11) (21, 10) (23, 8) (19, 9) (23, 5) (19, 5) (20, 3) (16, 2)  
(17, 1) (14, 1) (11, 2) (9, 2)

---

(4, 3) (6, 1) (8, 1) (10, 3)

---

(-3, 14) (2, 13) (5, 11) (9, 11) (11, 13) (15, 14)

---

(5, 11) (5, 10) (6, 9) (8, 9) (9, 10) (9, 11)

---

(2, 13) (2, 15) (4, 17) (5, 16) (5, 14) (4 1/2, 11 1/2)

---

(9 1/2, 11 1/2) (9, 14) (9, 16) (10, 17) (11, 15) (12, 13)

---

(2, 9) (3, 8) (3, 6) (2, 5)

---

(12, 9) (11, 8) (11, 6) (12, 5)

---

(3, 7) (5, 6) (9, 6) (11, 7)

---

(7, 9) (7, 6)

---

(5 1/2, 6) (6, 4) (7, 3) (8, 4) (8 1/2, 6)

---

(3, 2) (-1, -3) (-3, -9) (-3, -17) (-1, -20) (3, -21) (-1, -20) (-3, -20) (-4, -22) (-4, -25)  
(-1, -26) (2, -26) (5, -25) (6, -22) (6, -16) (6, -25) (9, -27) (13, -27) (15, -26) (16, -24)  
(16, -22) (14, -20 1/2) (10, -22) (13, -21) (15, -15) (15, -8) (13, -2) (10, 2)

---

(15, -12) (16, -11) (18, -11) (20, -13) (20, -17) (18, -20) (17, -21)

---

(18, -20) (20, -20) (21, -21) (21, -23) (19, -24) (16, -24)

---

(-3, -12) (-7, -1) (-11, 5) (-12, 8) (-10, 16) (-12, 13) (-14, 18) (-14, -6) (-13, -11)  
(-11, -14) (-8, -16) (-3, -17)

---

### "Flamingo"

---

(3, 0) (1, 2) (-1, 3) (-3, 3) (-5, 3) (-7, 2) (-8, 1) (-9, 0) (-10, -2) (-11, -4) (-11, -6)  
(-10, -8) (-9, -9) (-8, -10) (-7, -11) (-5, -12) (-3, -12) (-1, -12) (1, -11) (2, -10)  
(3, -9) (4, -8) (5, -6) (5, -2) (4, -1)

---

---

(2, 2) (3, 3) (3, 5) (2, 7) (1, 8) (-1, 9) (-2, 10) (-4, 12) (-6, 14) (-6, 16) (-5, 17) (-3, 17)  
(-3, 15) (-2, 14) (0, 13) (2, 14) (3, 15) (3, 17) (2, 18) (1, 19) (-1, 19) (-2, 18) (-3, 17)

---

(3, 17) (5, 15) (5 1/2, 13) (5, 11) (4, 13) (2, 14) SHADE

---

(1, 17) (2, 17) (2, 16) (1, 16) SHADE

---

(-8, 1) (-9, 2) (-11, 4) (-13, 5) (-15, 5) (-14, 3) (-13, 2) (-11, 0) (-9, 0) SHADE

---

(-11, 0) (-13, 0) (-15, -1) (-16, -3) (-17, -5) (-15, -4) (-14, -3) (-12, -2) (-10, -2) SHADE

---

(-3, 12) (-3, -14) (-3, -16) (-3, -18) (-3, -20) (-5, -22) (-1, -22) (-3, -20) SHADE

---

(-3, -12) (-5, -14) (-7, -16) (-5, -17) (-3, -17) (-1, -17) (1, -15) (1, -19) (-1, -17) SHADE

---

### “Surprise”

---

(-11, 2) (11, 2) (11, -17) (-11, -17) (-11, -14) (-9, -14) (-9, -16) (-7, -16) (-7, -14)  
(-5, -14) (-5, -16) (-3, -16) (-3, -14) (-1, -14) (-1, -16) (1, -16) (1, -14) (3, -14)  
(3, -16) (5, -16) (5, -14) (7, -14) (7, -16) (9, -16) (9, -14) (11, -14)

---

(-11, 2) (-12 1/2, 3 1/2) (-23, -7) (-21, -9) (-11, 2)

---

(-5, 2) (5, 2) (6, 3) (5, 4) (6, 5) (5, 6) (6, 7) (5, 8) (6, 9) (5, 10) (6, 11) (5, 12) (6, 13) (-6, 13)  
(-5, 12) (-6, 11) (-5, 10) (-6, 9) (-5, 8) (-6, 7) (-5, 6) (-6, 5) (-5, 4) (-6, 3) (-5, 2)

---

(-4, 13) (-6, 15) (-6, 26) (-5, 26) (5, 26) (5, 15) (3, 13)

---

(-10, 22) (10, 22)

---

(-6, 21) (-8, 21) (-8, 19) (-6, 17)

---

(5, 17) (7, 19) (7, 21) (5, 21)

---

(-4, 20) (-4, 21) (-2, 21) (-2, 20) (-3, 20) (-4, 21)

---

(1, 20) (1, 21) (3, 21) (3, 20) (2, 20) (1, 20)

---

(0, 18) (0, 19) (-1, 19) (-1, 18) (0, 18)

---

(-4, 18) (-3, 18) (-2, 18) (-3, 16) (-2, 15) (1, 15) (2, 15) (2, 16) (2, 18) (3, 18) (4, 18)

---

(-3, 16) (3, 16)

---

# "Unicorn"

---

(-22, 9) (-20 1/2, 9) (-19, 10 1/2) (-18 1/2, 8 1/2) (-16 1/2, 8) (-17 1/2, 7) (-17 1/2, 5 1/2)  
(-19 1/2, 6) (-22, 5 1/2) (-21, 7 1/2) (-22, 9)

---

(-19, -4) (-17 1/2, -5 1/2) (-16, -5) (-16 1/2, -7) (-15, -9) (-17, -8 1/2) (-18 1/2, -10)  
(-18 1/2, -8 1/2) (-20 1/2, -7) (-19, -6) (-19, -4)

---

(-15 1/2, -19) (-15 1/2, -21) (-14, -22) (-15 1/2, -22 1/2) (-15 1/2, -24 1/2) (-17, -23)  
(-20, -23) (-18 1/2, -21 1/2) (-19, -19) (-15 1/2, -19)

---

(-6 1/2, -25) (-5 1/2, -26 1/2) (-4, -26 1/2) (-5, -28) (-4 1/2, -30 1/2) (-6 1/2, -30)  
(-8 1/2, -30 1/2) (-8, -29) (-9, -27) (-7, -27) (-6 1/2, -25)

---

(1, -18) (3, -17 1/2) (3 1/2, -15 1/2) (5, -17) (6 1/2, -16 1/2) (5 1/2, -18 1/2) (6, -21) (4 1/2, -20)  
(2 1/2, -21 1/2) (2 1/2, -19 1/2) (1, -18)

---

(12, -25) (13, -26) (15, -26) (14, -28) (15, -30) (13, -29 1/2) (11, -30 1/2) (11 1/2, -28 1/2)  
(10, -27 1/2) (11 1/2, -26 1/2) (12, -25)

---

(18, -13) (19 1/2, -14 1/2) (21 1/2, -14) (21, -16) (22, -18) (20 1/2, -18) (18 1/2, -19) (18, -17 1/2)  
(16 1/2, -16 1/2) (18, -15 1/2) (18, -13)

---

(15 1/2, 26 1/2) (17 1/2, 26 1/2) (18 1/2, 28 1/2) (19 1/2, 26 1/2) (21 1/2, 26 1/2) (20 1/2, 25) (21, 23 1/2)  
(18 1/2, 24) (16 1/2, 23) (17, 25) (15 1/2, 26 1/2)

---

(-12 1/2, 10 1/2) (-12, 9) (-11 1/2, 7 1/2) (-11, 6) (-10, 4 1/2) (-9 1/2, 4) (-9, 3) (-8, 2 1/2)  
(-7, 2) (-6, 1 1/2) (-5 1/2, 1 1/2) (-5, 1) (-4 1/2, 1/2)

---

(-10, 4 1/2) (-11, 4) (-11 1/2, 3) (-11 1/2, 2) (-11, 1) (-11 1/2, 0) (-12 1/2, -1) (-12 1/2, -2)  
(-12 1/2, -3) (-12, -4) (-12 1/2, -4) (-13, -3 1/2) (-12 1/2, -4 1/2) (-11, -5) (-9 1/2, -5)  
(-10, -6) (-11, -6 1/2) (-11 1/2, -6 1/2) (-12, -6 1/2) (-12 1/2, -6 1/2) (-12, -7 1/2) (-11, -7 1/2)  
(-10, -8) (-9 1/2, -9) (-9 1/2, -10) (-9 1/2, -11) (-9 1/2, -11 1/2) (-9, -12) (-8 1/2, -12 1/2)  
(-8, -13) (-7, -13) (-6, -13) (-5, -12 1/2) (-4, -12) (-3, -12) (-2 1/2, -11 1/2) (-2, -11 1/2)  
(-1, -11 1/2) (0, -11 1/2) (1, -11) (2, -11) (3, -11) (4, -11) (5, -11 1/2) (6, -11 1/2) (7, -12)  
(8, -12) (9, -12) (10, -12) (11, -11 1/2) (11 1/2, -11) (12, -10) (12, -9) (11 1/2, -8) (11, -7 1/2)  
(11 1/2, -7) (11 1/2, -6) (11 1/2, -5) (11, -4) (10, -3 1/2) (10 1/2, -3) (11, -2) (11, -1) (10 1/2, 0)  
(10, 1) (10 1/2, 2) (10 1/2, 3) (10, 4) (9 1/2, 5) (9 1/2, 6) (9 1/2, 6 1/2) (9, 6 1/2) (8 1/2, 7)

---

(7, 5 1/2) (7 1/2, 5 1/2) (7 1/2, 6) (8, 6 1/2) (8, 7) (8 1/2, 7) (8 1/2, 7 1/2) (9, 7 1/2) (9, 8) (9, 8 1/2)  
(9 1/2, 8 1/2) (9 1/2, 9) (10, 9) (10, 9 1/2) (9 1/2, 9 1/2) (9, 9) (8 1/2, 9) (8 1/2, 8 1/2) (8, 8 1/2)  
(8, 8) (7 1/2, 8) (7 1/2, 7 1/2) (7, 7 1/2) (6 1/2, 7) (6, 6 1/2)

---

(9, 9) (9 1/2, 9) (9 1/2, 8 1/2)

---

(8, 8 1/2) (8 1/2, 8 1/2) (9, 8 1/2) (9, 8)

---

(7 1/2, 8) (8, 8) (8 1/2, 7 1/2)

---

---

(7, 7 1/2) (7 1/2, 7 1/2) (8, 7)

---

(6 1/2, 7) (7, 6 1/2) (7 1/2, 6)

---

(7 1/2, 8) (7, 8 1/2) (7, 9 1/2) (6, 9) (5 1/2, 9 1/2) (5, 9) (4 1/2, 9) (4, 9 1/2) (3 1/2, 9) (3, 9) (2 1/2, 9)  
(2, 9) (1 1/2, 8 1/2) (1, 8 1/2) (1/2, 7 1/2) (0, 7 1/2) (-1/2, 7) (0, 6 1/2) (-1/2, 6) (-1, 6 1/2) (-2, 6)  
(-1, 5 1/2) (-1/2, 5) (-1, 4 1/2) (-2, 4) (-2 1/2, 3 1/2) (-2, 3 1/2) (-1 1/2, 3) (-2 1/2, 2) (-3 1/2, 1)  
(-4 1/2, 1/2) (-5, -1/2) (-5, -1) (-6, -1) (-7, -1) (-8, -1 1/2) (-9, -2) (-10, -3) (-11, -3 1/2)  
(-11, -3 1/2) (-11, -3) (-11, -2) (-10 1/2, -1) (-10, 0) (-9 1/2, 1/2) (-10 1/2, 1) (-11, 2)  
(-10 1/2, 3) (-10, 3 1/2) (-9 1/2, 4)

---

(-12 1/2, 10 1/2) (-11, 10) (-10, 9 1/2) (-8, 8 1/2) (-7, 8) (-5, 7) (-3, 6 1/2) (-2, 6)

---

(-5, 7) (-5 1/2, 9) (-6, 10) (-6 1/2, 11 1/2) (-6 1/2, 13) (-6, 14) (-5, 15 1/2) (-4, 14) (-3, 13)  
(-1, 11 1/2) (0, 11) (1, 10 1/2) (2, 10) (3, 9)

---

(-5, 13 1/2) (0, 9)

---

(-5 1/2, 13) (-1/2, 8 1/2)

---

(-5 1/2, 12) (-1, 8 1/2)

---

(-5 1/2, 11) (-1, 8)

---

(-5, 9 1/2) (-1 1/2, 7 1/2) (-2 1/2, 4 1/2)

---

(-5, 9) (-1 1/2, 7)

---

(-4 1/2, 8) (-2, 6 1/2)

---

(-1, 11) (1, 9)

---

(-10 1/2, 9) (-2 1/2, 5)

---

(-10 1/2, 7 1/2) (-3, 4)

---

(-10 1/2, 6 1/2) (-3, 3 1/2)

---

(-9, 5) (-3 1/2, 3)

---

(-9, 4) (-4, 2 1/2)

---

(-6 1/2, 2 1/2) (-4, 2)

---

(-2, -10) (-1, -9 1/2) (0, -9) (1, -9) (2, -8 1/2) (3, 8 1/2) (4, -8 1/2) (5, -8) (6, -8 1/2) (7, -9)  
(7 1/2, -9 1/2) (8, -9) (9, -8 1/2) (10, -9) (10 1/2, -9 1/2) (10, -10) (9, -10 1/2) (8, -10 1/2)  
(7, -10 1/2) (6, -10) (5, -10) (4, -9 1/2) (3, -9 1/2) (2, -9 1/2) (1, -9 1/2) (0, -10) (-1, 11) (-2, -10)

---



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$(4 \frac{1}{2}, -7)$   $(5, -6)$   $(6, -5)$   $(7, -4)$   $(8, -3 \frac{1}{2})$   $(9, -4)$   $(10, -5)$   $(10 \frac{1}{2}, -6)$   $(10, -7)$   $(9, -7)$   $(8, -7 \frac{1}{2})$   
 $(7 \frac{1}{2}, -8)$   $(7, -7 \frac{1}{2})$   $(6, -7)$   $(4 \frac{1}{2}, -7)$

---

$(7 \frac{1}{2}, 5)$   $(7 \frac{1}{2}, 4 \frac{1}{2})$   $(7 \frac{1}{2}, 4)$   $(7, 3 \frac{1}{2})$   $(7, 2 \frac{1}{2})$   $(6 \frac{1}{2}, 2)$   $(5 \frac{1}{2}, 2)$   $(5 \frac{1}{2}, 2 \frac{1}{2})$   $(5, 3)$   $(5, 3 \frac{1}{2})$   
 $(4 \frac{1}{2}, 4)$   $(4, 5)$

---

$(6, 4 \frac{1}{2})$   $(6 \frac{1}{2}, 5)$   $(6, 5 \frac{1}{2})$   $(5 \frac{1}{2}, 5 \frac{1}{2})$   $(6, 4 \frac{1}{2})$

---

$(8 \frac{1}{2}, 5)$   $(9, 4)$   $(9, 3)$   $(8 \frac{1}{2}, 2)$   $(8 \frac{1}{2}, 1 \frac{1}{2})$   $(9, 1)$   $(9 \frac{1}{2}, 0)$   $(10, -1)$   $(10, -2)$   $(9, -1)$   $(8, \frac{1}{2})$   
 $(7 \frac{1}{2}, 1)$   $(7, 1 \frac{1}{2})$   $(6, 1 \frac{1}{2})$   $(5 \frac{1}{2}, 1 \frac{1}{2})$

---

$(6, -1/2)$   $(6 \frac{1}{2}, -1)$   $(7, -2)$   $(6 \frac{1}{2}, -3)$   $(8, -2 \frac{1}{2})$   $(7 \frac{1}{2}, -2)$   $(7 \frac{1}{2}, -1)$   $(8, -1/2)$   $(7, 0)$   $(6, -1/2)$

---

$(5 \frac{1}{2}, -1)$   $(6, -2)$   $(7, -3)$

---

$(0, -3 \frac{1}{2})$   $(0, -4 \frac{1}{2})$   $(1, -4 \frac{1}{2})$   $(2, -4)$   $(3, -4 \frac{1}{2})$   $(3 \frac{1}{2}, -5)$   $(3 \frac{1}{2}, -4)$   $(3 \frac{1}{2}, -3)$   $(3 \frac{1}{2}, -2 \frac{1}{2})$   
 $(4, -2 \frac{1}{2})$   $(5, -2 \frac{1}{2})$   $(5 \frac{1}{2}, -2)$   $(5, -1 \frac{1}{2})$   $(4 \frac{1}{2}, -1 \frac{1}{2})$   $(4, -2)$   $(3, -2 \frac{1}{2})$   $(2, -3)$   $(1, -3 \frac{1}{2})$   
 $(0, -3 \frac{1}{2})$

---

$(-4, -1 \frac{1}{2})$   $(-4 \frac{1}{2}, -2)$   $(-4 \frac{1}{2}, -3)$   $(-4, -4)$   $(-4, -5)$

---

$(-7, -2)$   $(-7 \frac{1}{2}, -2 \frac{1}{2})$   $(-8 \frac{1}{2}, -3)$   $(-9, -3 \frac{1}{2})$   $(-10, -4)$

---

$(-6, -2 \frac{1}{2})$   $(-6 \frac{1}{2}, -3)$   $(-7, -3 \frac{1}{2})$   $(-7 \frac{1}{2}, -4)$   $(-8, -4 \frac{1}{2})$   $(-8 \frac{1}{2}, -5)$   $(-9, -5 \frac{1}{2})$   
 $(-10, -6 \frac{1}{2})$

---

$(-7, -4)$   $(-7 \frac{1}{2}, -4 \frac{1}{2})$   $(-8, -5 \frac{1}{2})$   $(-8 \frac{1}{2}, -6)$   $(-9 \frac{1}{2}, -6 \frac{1}{2})$

---

$(-6, -3 \frac{1}{2})$   $(-6 \frac{1}{2}, -4)$   $(-7, -5)$   $(-7, -5 \frac{1}{2})$   $(-8, -6)$   $(-9, -7)$

---

$(-5 \frac{1}{2}, -3 \frac{1}{2})$   $(-5, -4)$   $(-4 \frac{1}{2}, -5)$   $(-5, -6)$   $(-5 \frac{1}{2}, -7)$   $(-5, -8)$   $(-4 \frac{1}{2}, -9)$   $(-4 \frac{1}{2}, -9 \frac{1}{2})$   
 $(-5, -9 \frac{1}{2})$   $(-6, -9 \frac{1}{2})$   $(-7, -9)$   $(-7 \frac{1}{2}, -8 \frac{1}{2})$   $(-8, -7 \frac{1}{2})$   $(-7, -7)$   $(-6, -6)$   $(-5 \frac{1}{2}, -5)$   
 $(-5 \frac{1}{2}, -3 \frac{1}{2})$

---

$(-3 \frac{1}{2}, -11 \frac{1}{2})$   $(-3, -10 \frac{1}{2})$   $(-2 \frac{1}{2}, -11 \frac{1}{2})$

---

$(-8 \frac{1}{2}, -9 \frac{1}{2})$   $(-7, -10)$   $(-6, -10)$   $(-5, -10)$   $(-4 \frac{1}{2}, -10)$   $(-4 \frac{1}{2}, -10 \frac{1}{2})$   $(-4, -10 \frac{1}{2})$   
 $(-4, -11 \frac{1}{2})$   $(-4 \frac{1}{2}, -12)$   $(-7, -12)$   $(-8, -11)$   $(-8 \frac{1}{2}, -10)$   $(-8 \frac{1}{2}, -9 \frac{1}{2})$

---

$(-3 \frac{1}{2}, -6)$   $(-4, -7)$   $(-4 \frac{1}{2}, -7 \frac{1}{2})$   $(-4, -8)$   $(-3 \frac{1}{2}, -9)$

---

$(-2 \frac{1}{2}, -5 \frac{1}{2})$   $(-2, -5)$   $(-1 \frac{1}{2}, -4)$

---

$(-2 \frac{1}{2}, -6 \frac{1}{2})$   $(-2, -7)$   $(-1, -7)$   $(0, -7)$   $(\frac{1}{2}, -7 \frac{1}{2})$   $(-1, -8)$   $(-2, -8 \frac{1}{2})$   $(-2 \frac{1}{2}, -9)$   
 $(-3, -8)$   $(-3, -7)$   $(-2 \frac{1}{2}, -6 \frac{1}{2})$

---

$(\frac{1}{2}, -1 \frac{1}{2})$   $(-1/2, -2)$   $(-1, -3)$

---

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$(-1/2, -3 1/2)$   $(-1, -4 1/2)$   $(-1 1/2, -5 1/2)$

---

$(-1 1/2, -6)$   $(0, -6 1/2)$   $(1, -6 1/2)$

---

$(1, -5 1/2)$   $(2, -6)$   $(3, -6)$   $(4, -7)$

---

$(2, -7)$   $(3, -7 1/2)$

---

$(3 1/2, 4 1/2)$   $(3, 4)$   $(3, 3)$   $(2 1/2, 2 1/2)$   $(2 1/2, 2)$   $(2 1/2, 1 1/2)$   $(3, 1)$   $(3, 1/2)$   $(3, 0)$   $(3 1/2, -1/2)$

---

$(6, 2 1/2)$   $(6 1/2, 2 1/2)$

---

$(6, 8 1/2)$   $(6 1/2, 8 1/2)$   $(6 1/2, 8)$

---

$(4 1/2, 8 1/2)$   $(5 1/2, 8 1/2)$   $(6, 7 1/2)$

---

$(1 1/2, 7 1/2)$   $(2, 8)$   $(3, 7 1/2)$   $(3 1/2, 7)$   $(4, 7 1/2)$

---

$(1, 6)$   $(1 1/2, 6 1/2)$   $(2, 6 1/2)$   $(3, 7)$

---

$(0, 5)$   $(1/2, 5 1/2)$   $(1, 5 1/2)$   $(1 1/2, 6)$

---

$(2 1/2, 4)$   $(3, 5)$   $(4, 5 1/2)$   $(4 1/2, 6)$

---

$(1/2, 4 1/2)$   $(1, 5)$   $(2, 4 1/2)$

---

$(-1/2, 3)$   $(0, 3 1/2)$   $(1, 3 1/2)$   $(1 1/2, 3)$

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$(-7, 27)$   $(-7, 25)$   $(-5 1/2, 24)$   $(-7 1/2, 22 1/2)$   $(-8, 20 1/2)$   $(-9, 22 1/2)$   $(-12, 2 1/2)$   $(-10, 23 1/2)$   
 $(-10 1/2, 25 1/2)$   $(-8 1/2, 25 1/2)$   $(-7, 27)$

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