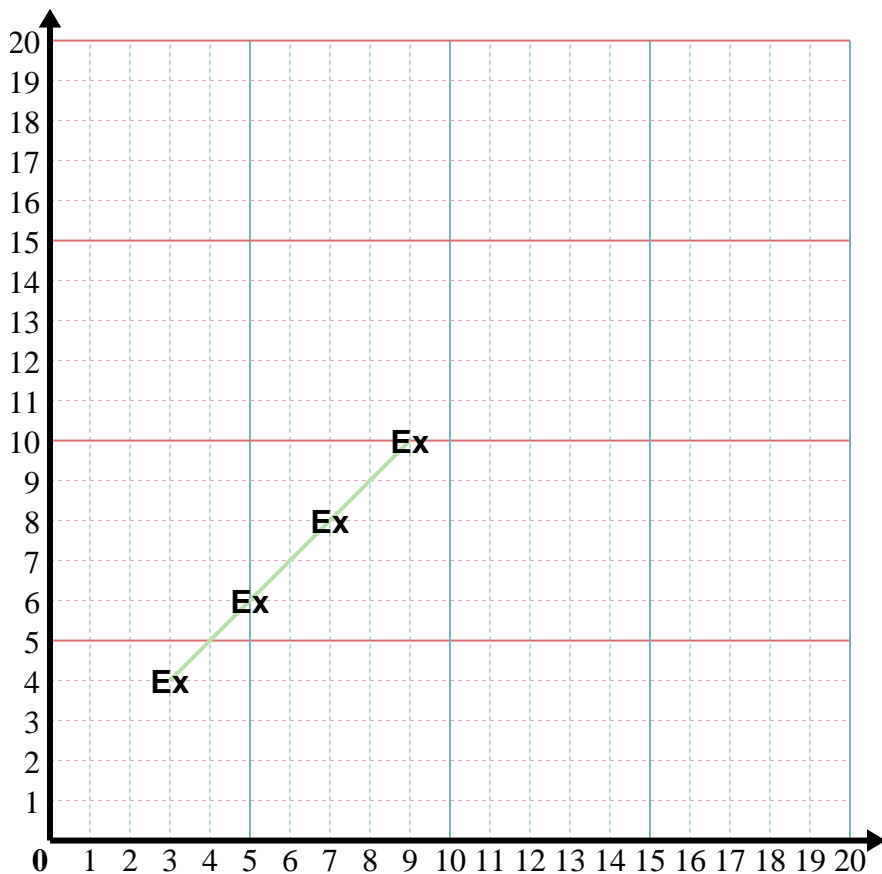




Fill in the patterns and then graph the coordinate pairs.



**Answers**

Ex. (9, 10)

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

Ex) X: Start at 3 and add 2.

Y: Start at 4 and add 2.

x: 3 5 7 9

y: 4 6 8 10

1) X: Start at 7 and add 2.

Y: Start at 19 and subtract 3.

x: \_\_\_\_\_

y: \_\_\_\_\_

2) X: Start at 8 and add 1.

Y: Start at 7 and subtract 2.

x: \_\_\_\_\_

y: \_\_\_\_\_

3) X: Start at 9 and add 3.

Y: Start at 6 and subtract 1.

x: \_\_\_\_\_

y: \_\_\_\_\_

4) X: Start at 8 and add 1.

Y: Start at 8 and subtract 1.

x: \_\_\_\_\_

y: \_\_\_\_\_

5) X: Start at 12 and subtract 3.

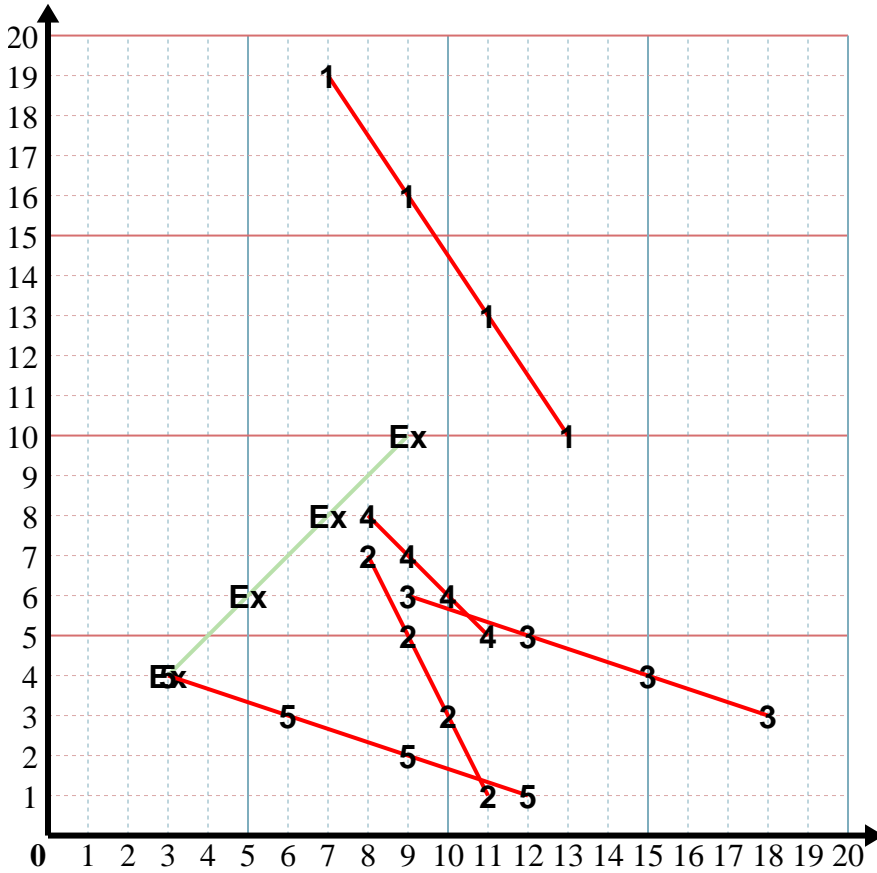
Y: Start at 1 and add 1.

x: \_\_\_\_\_

y: \_\_\_\_\_



Fill in the patterns and then graph the coordinate pairs.



Answers

Ex. (9, 10)

1. (13, 10)

2. (11, 1)

3. (18, 3)

4. (11, 5)

5. (3, 4)

Ex) X: Start at 3 and add 2.  
 Y: Start at 4 and add 2.  
 x: 3 5 7 9  
 y: 4 6 8 10

1) X: Start at 7 and add 2.  
 Y: Start at 19 and subtract 3.  
 x: 7 9 11 13  
 y: 19 16 13 10

2) X: Start at 8 and add 1.  
 Y: Start at 7 and subtract 2.  
 x: 8 9 10 11  
 y: 7 5 3 1

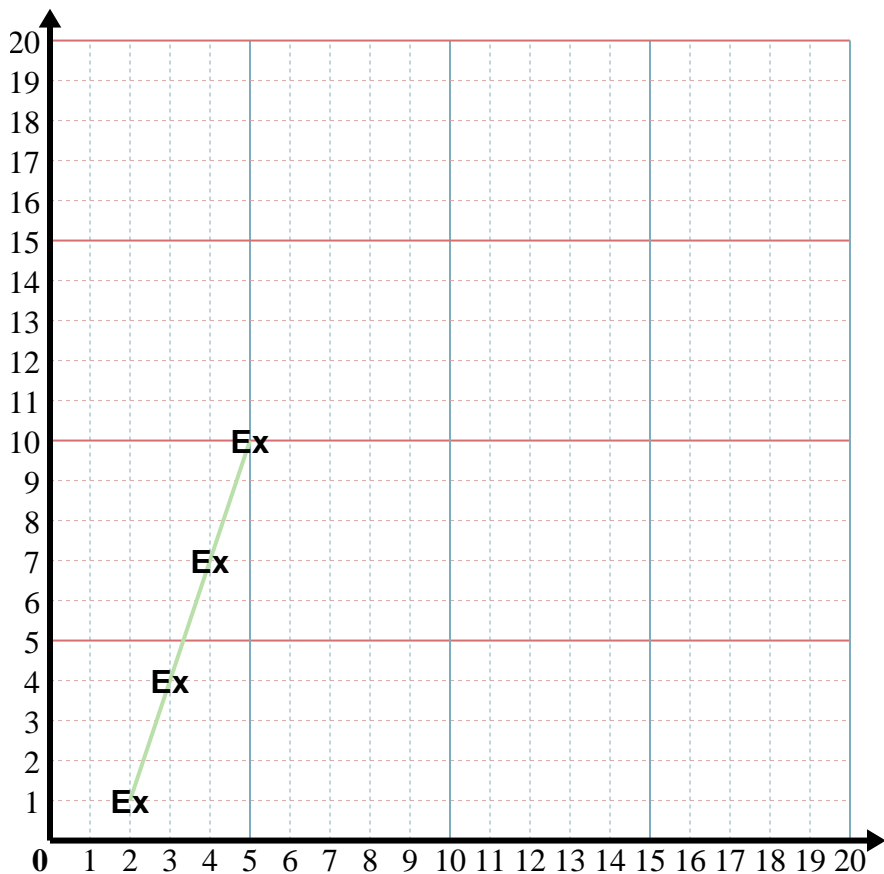
3) X: Start at 9 and add 3.  
 Y: Start at 6 and subtract 1.  
 x: 9 12 15 18  
 y: 6 5 4 3

4) X: Start at 8 and add 1.  
 Y: Start at 8 and subtract 1.  
 x: 8 9 10 11  
 y: 8 7 6 5

5) X: Start at 12 and subtract 3.  
 Y: Start at 1 and add 1.  
 x: 12 9 6 3  
 y: 1 2 3 4



Fill in the patterns and then graph the coordinate pairs.



**Answers**

Ex. (5, 10)

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

Ex) X: Start at 2 and add 1.

Y: Start at 1 and add 3.

x: 2 3 4 5  
y: 1 4 7 10

1) X: Start at 6 and add 1.

Y: Start at 13 and subtract 1.

x: \_\_\_\_\_  
y: \_\_\_\_\_

2) X: Start at 4 and add 1.

Y: Start at 11 and subtract 1.

x: \_\_\_\_\_  
y: \_\_\_\_\_

3) X: Start at 4 and add 1.

Y: Start at 10 and add 1.

x: \_\_\_\_\_  
y: \_\_\_\_\_

4) X: Start at 13 and subtract 2.

Y: Start at 9 and add 3.

x: \_\_\_\_\_  
y: \_\_\_\_\_

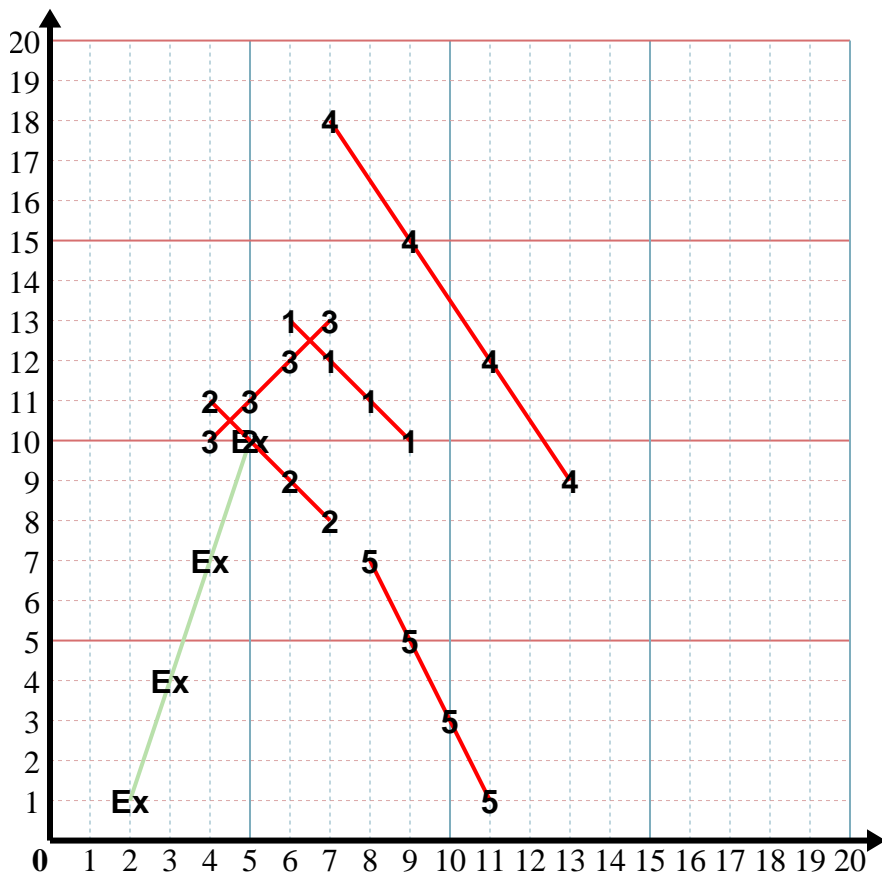
5) X: Start at 11 and subtract 1.

Y: Start at 1 and add 2.

x: \_\_\_\_\_  
y: \_\_\_\_\_



Fill in the patterns and then graph the coordinate pairs.



Answers

Ex. (5, 10)

1. (9, 10)

2. (7, 8)

3. (7, 13)

4. (7, 18)

5. (8, 7)

Ex) X: Start at 2 and add 1.

Y: Start at 1 and add 3.

x: 2 3 4 5  
y: 1 4 7 10

1) X: Start at 6 and add 1.

Y: Start at 13 and subtract 1.

x: 6 7 8 9  
y: 13 12 11 10

2) X: Start at 4 and add 1.

Y: Start at 11 and subtract 1.

x: 4 5 6 7  
y: 11 10 9 8

3) X: Start at 4 and add 1.

Y: Start at 10 and add 1.

x: 4 5 6 7  
y: 10 11 12 13

4) X: Start at 13 and subtract 2.

Y: Start at 9 and add 3.

x: 13 11 9 7  
y: 9 12 15 18

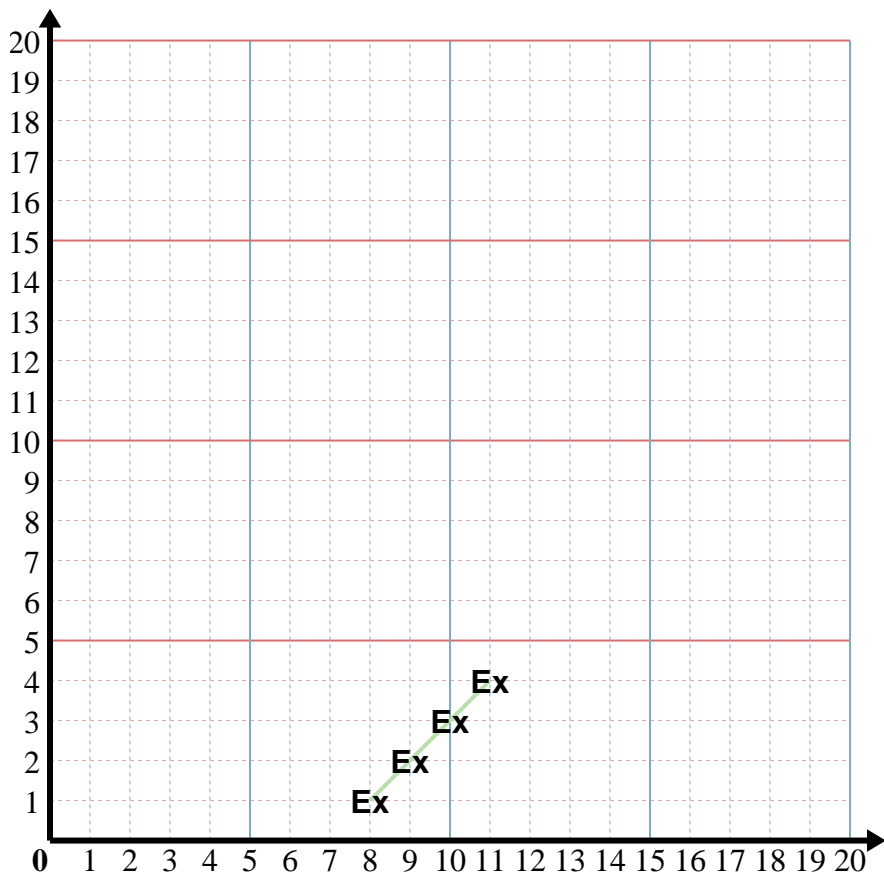
5) X: Start at 11 and subtract 1.

Y: Start at 1 and add 2.

x: 11 10 9 8  
y: 1 3 5 7



Fill in the patterns and then graph the coordinate pairs.



**Answers**

Ex. (8, 1)

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

**Ex)** X: Start at 11 and subtract 1.  
 Y: Start at 4 and subtract 1.  
 x: 11 10 9 8  
 y: 4 3 2 1

**1)** X: Start at 3 and add 3.  
 Y: Start at 12 and subtract 3.  
 x: \_\_\_\_\_  
 y: \_\_\_\_\_

**2)** X: Start at 13 and subtract 3.  
 Y: Start at 4 and add 2.  
 x: \_\_\_\_\_  
 y: \_\_\_\_\_

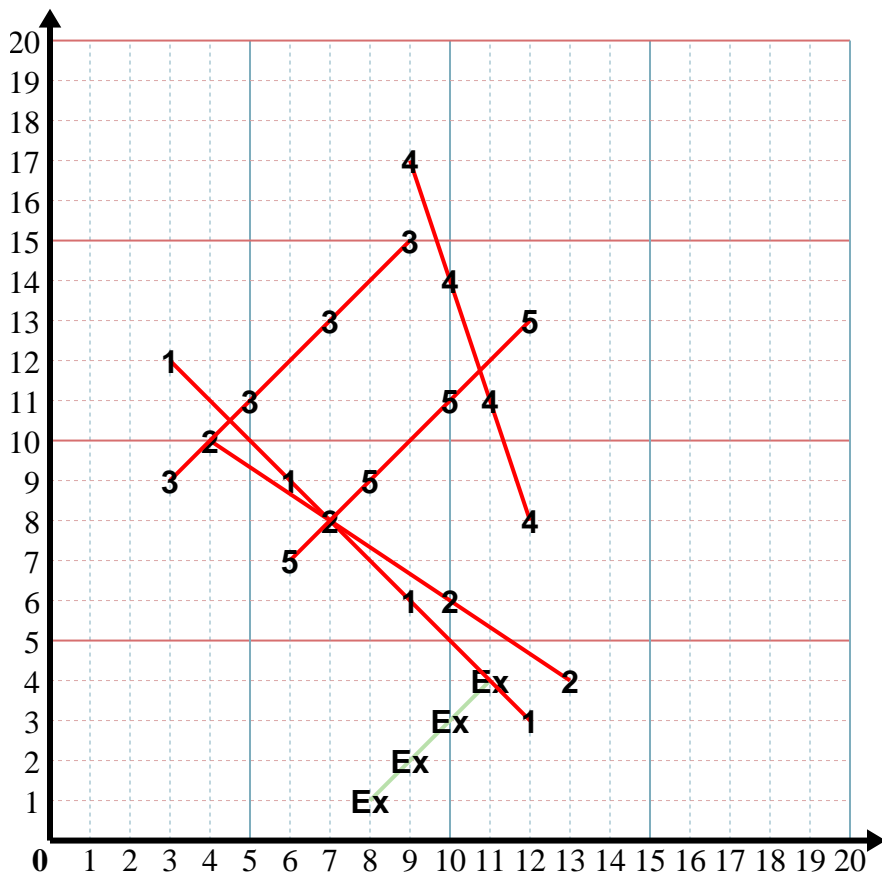
**3)** X: Start at 3 and add 2.  
 Y: Start at 9 and add 2.  
 x: \_\_\_\_\_  
 y: \_\_\_\_\_

**4)** X: Start at 12 and subtract 1.  
 Y: Start at 8 and add 3.  
 x: \_\_\_\_\_  
 y: \_\_\_\_\_

**5)** X: Start at 12 and subtract 2.  
 Y: Start at 13 and subtract 2.  
 x: \_\_\_\_\_  
 y: \_\_\_\_\_



Fill in the patterns and then graph the coordinate pairs.



Answers

Ex. (8, 1)

1. (12, 3)

2. (4, 10)

3. (9, 15)

4. (9, 17)

5. (6, 7)

Ex) X: Start at 11 and subtract 1.  
 Y: Start at 4 and subtract 1.  
 x: 11 10 9 8  
 y: 4 3 2 1

1) X: Start at 3 and add 3.  
 Y: Start at 12 and subtract 3.  
 x: 3 6 9 12  
 y: 12 9 6 3

2) X: Start at 13 and subtract 3.  
 Y: Start at 4 and add 2.  
 x: 13 10 7 4  
 y: 4 6 8 10

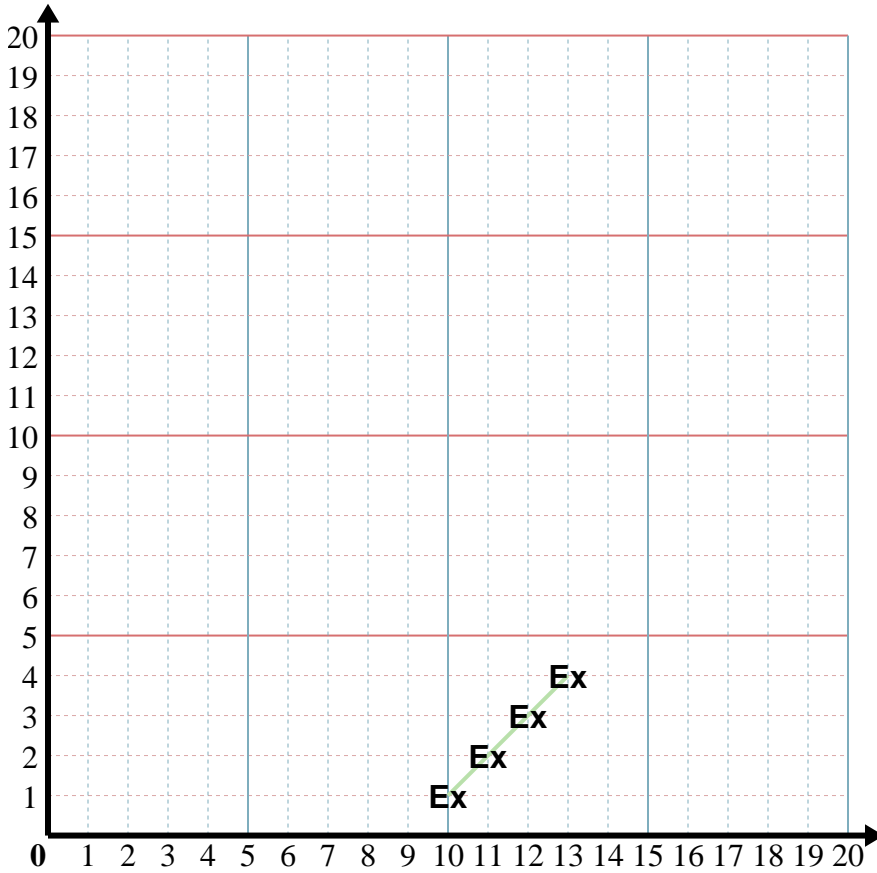
3) X: Start at 3 and add 2.  
 Y: Start at 9 and add 2.  
 x: 3 5 7 9  
 y: 9 11 13 15

4) X: Start at 12 and subtract 1.  
 Y: Start at 8 and add 3.  
 x: 12 11 10 9  
 y: 8 11 14 17

5) X: Start at 12 and subtract 2.  
 Y: Start at 13 and subtract 2.  
 x: 12 10 8 6  
 y: 13 11 9 7



Fill in the patterns and then graph the coordinate pairs.



**Answers**

Ex. (10, 1)

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

**Ex)** X: Start at 13 and subtract 1.  
 Y: Start at 4 and subtract 1.  
 x: 13 12 11 10  
 y: 4 3 2 1

**1)** X: Start at 7 and add 2.  
 Y: Start at 19 and subtract 3.  
 x: \_\_\_\_\_  
 y: \_\_\_\_\_

**2)** X: Start at 5 and add 1.  
 Y: Start at 1 and add 2.  
 x: \_\_\_\_\_  
 y: \_\_\_\_\_

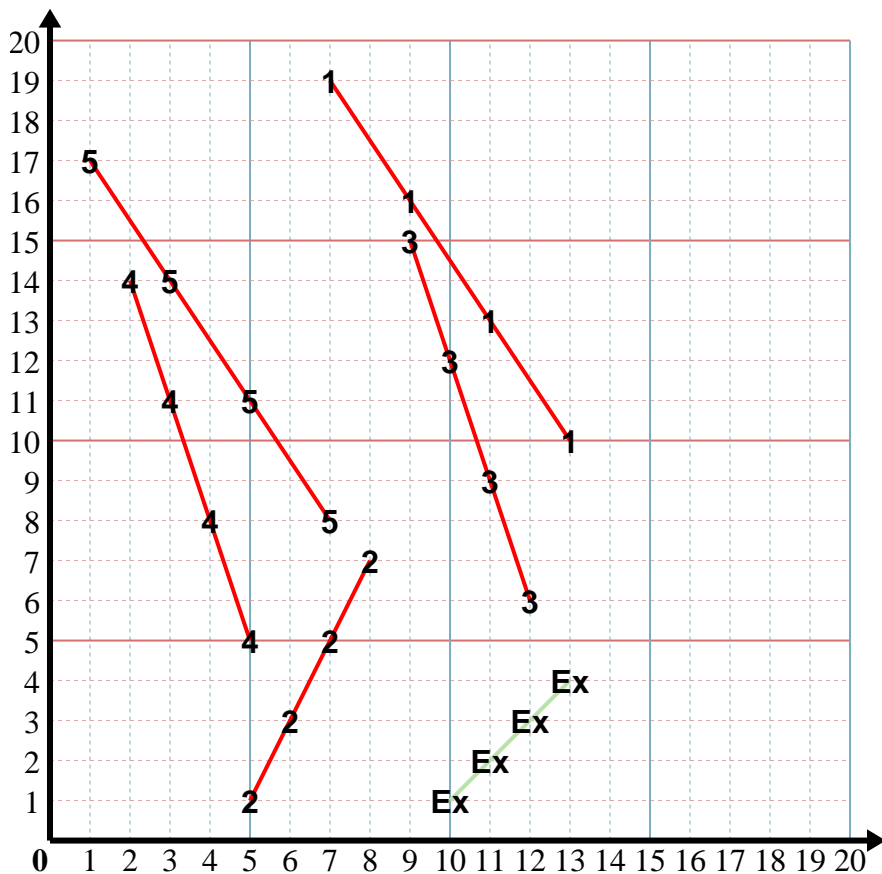
**3)** X: Start at 12 and subtract 1.  
 Y: Start at 6 and add 3.  
 x: \_\_\_\_\_  
 y: \_\_\_\_\_

**4)** X: Start at 5 and subtract 1.  
 Y: Start at 5 and add 3.  
 x: \_\_\_\_\_  
 y: \_\_\_\_\_

**5)** X: Start at 7 and subtract 2.  
 Y: Start at 8 and add 3.  
 x: \_\_\_\_\_  
 y: \_\_\_\_\_



Fill in the patterns and then graph the coordinate pairs.



Answers

Ex. (10, 1)

1. (13, 10)

2. (8, 7)

3. (9, 15)

4. (2, 14)

5. (1, 17)

Ex) X: Start at 13 and subtract 1.  
 Y: Start at 4 and subtract 1.  
 x: 13 12 11 10  
 y: 4 3 2 1

1) X: Start at 7 and add 2.  
 Y: Start at 19 and subtract 3.  
 x: 7 9 11 13  
 y: 19 16 13 10

2) X: Start at 5 and add 1.  
 Y: Start at 1 and add 2.  
 x: 5 6 7 8  
 y: 1 3 5 7

3) X: Start at 12 and subtract 1.  
 Y: Start at 6 and add 3.  
 x: 12 11 10 9  
 y: 6 9 12 15

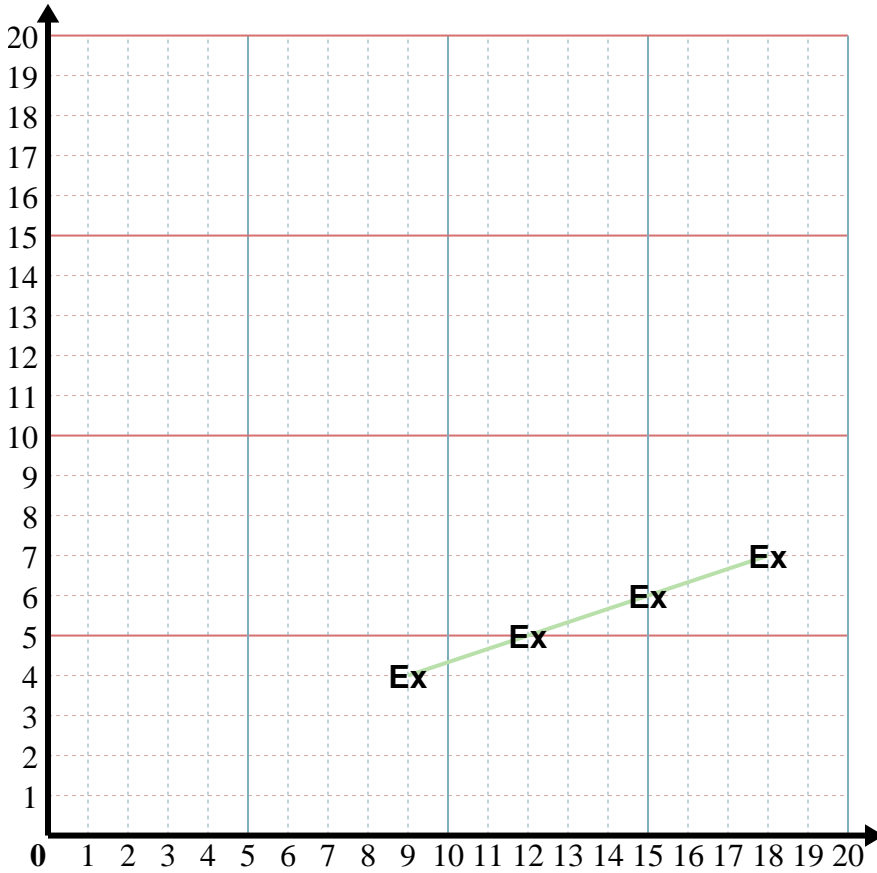
4) X: Start at 5 and subtract 1.  
 Y: Start at 5 and add 3.  
 x: 5 4 3 2  
 y: 5 8 11 14

5) X: Start at 7 and subtract 2.  
 Y: Start at 8 and add 3.  
 x: 7 5 3 1  
 y: 8 11 14 17





Fill in the patterns and then graph the coordinate pairs.



**Answers**

Ex. (18, 7)

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

Ex) X: Start at 9 and add 3.

Y: Start at 4 and add 1.

x: 9 12 15 18

y: 4 5 6 7

1) X: Start at 15 and subtract 3.

Y: Start at 10 and subtract 3.

x: \_\_\_\_\_

y: \_\_\_\_\_

2) X: Start at 2 and add 3.

Y: Start at 14 and subtract 2.

x: \_\_\_\_\_

y: \_\_\_\_\_

3) X: Start at 1 and add 2.

Y: Start at 2 and add 1.

x: \_\_\_\_\_

y: \_\_\_\_\_

4) X: Start at 2 and add 1.

Y: Start at 9 and subtract 2.

x: \_\_\_\_\_

y: \_\_\_\_\_

5) X: Start at 1 and add 2.

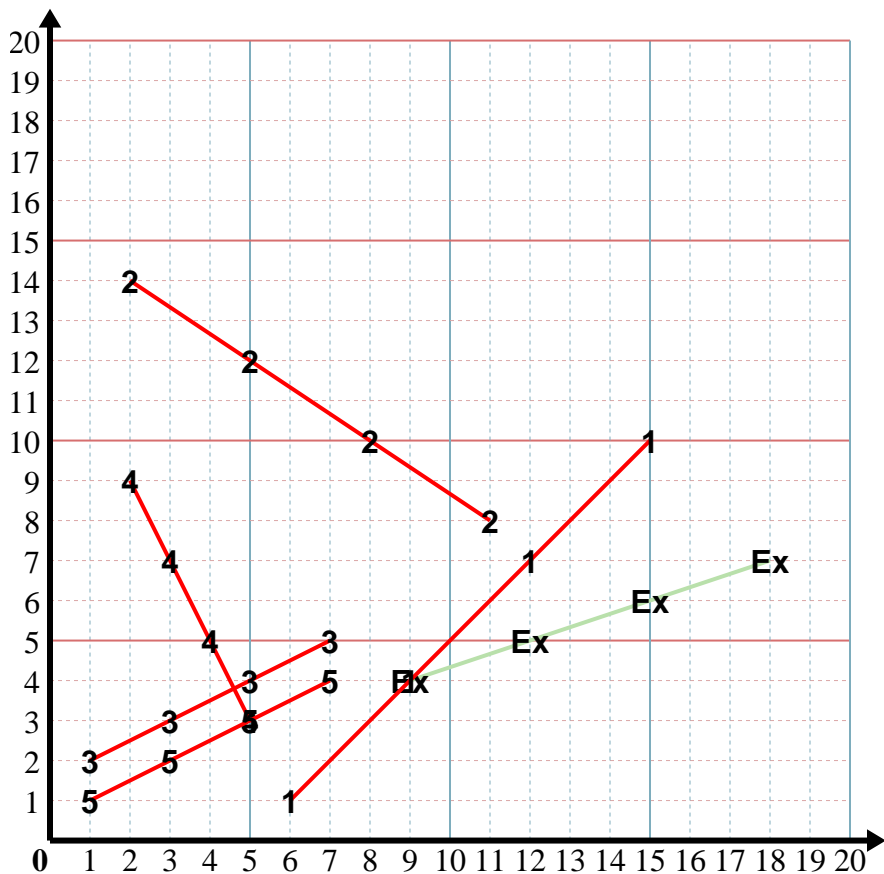
Y: Start at 1 and add 1.

x: \_\_\_\_\_

y: \_\_\_\_\_



Fill in the patterns and then graph the coordinate pairs.



Answers

Ex. (18, 7)

1. (6, 1)

2. (11, 8)

3. (7, 5)

4. (5, 3)

5. (7, 4)

Ex) X: Start at 9 and add 3.

Y: Start at 4 and add 1.

x: 9 12 15 18  
y: 4 5 6 7

1) X: Start at 15 and subtract 3.

Y: Start at 10 and subtract 3.

x: 15 12 9 6  
y: 10 7 4 1

2) X: Start at 2 and add 3.

Y: Start at 14 and subtract 2.

x: 2 5 8 11  
y: 14 12 10 8

3) X: Start at 1 and add 2.

Y: Start at 2 and add 1.

x: 1 3 5 7  
y: 2 3 4 5

4) X: Start at 2 and add 1.

Y: Start at 9 and subtract 2.

x: 2 3 4 5  
y: 9 7 5 3

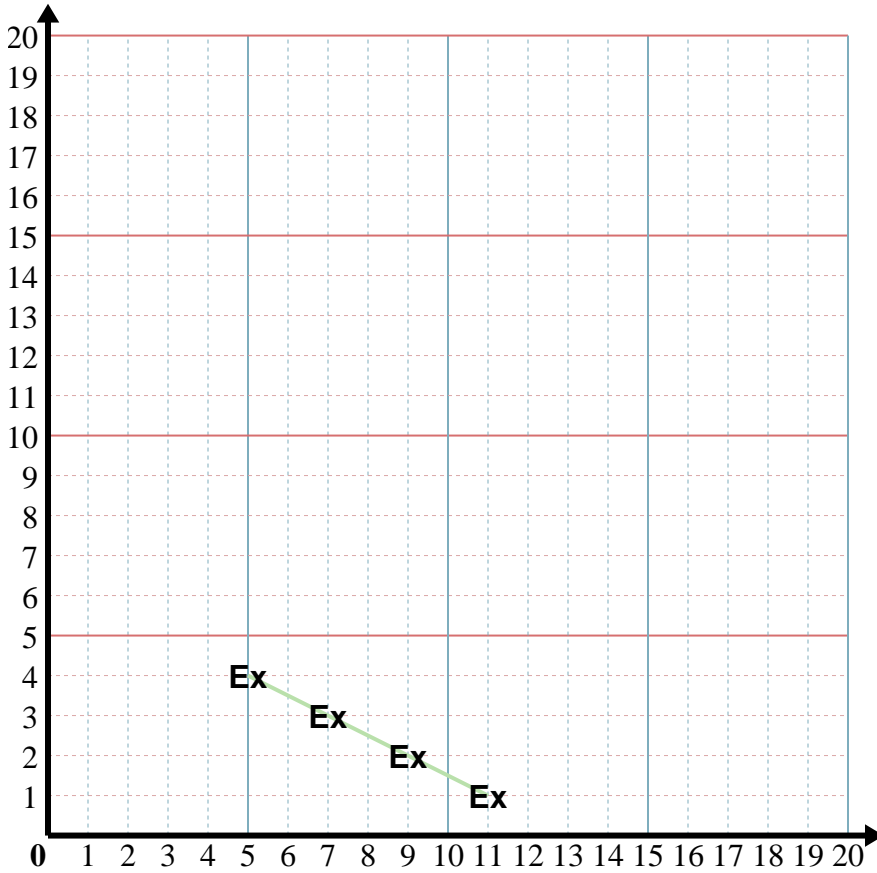
5) X: Start at 1 and add 2.

Y: Start at 1 and add 1.

x: 1 3 5 7  
y: 1 2 3 4



Fill in the patterns and then graph the coordinate pairs.



**Answers**

Ex. (5, 4)

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

Ex) X: Start at 11 and subtract 2.  
 Y: Start at 1 and add 1.  
 x: 11 9 7 5  
 y: 1 2 3 4

1) X: Start at 9 and add 2.  
 Y: Start at 1 and add 1.  
 x: \_\_\_\_\_  
 y: \_\_\_\_\_

2) X: Start at 12 and subtract 3.  
 Y: Start at 11 and subtract 2.  
 x: \_\_\_\_\_  
 y: \_\_\_\_\_

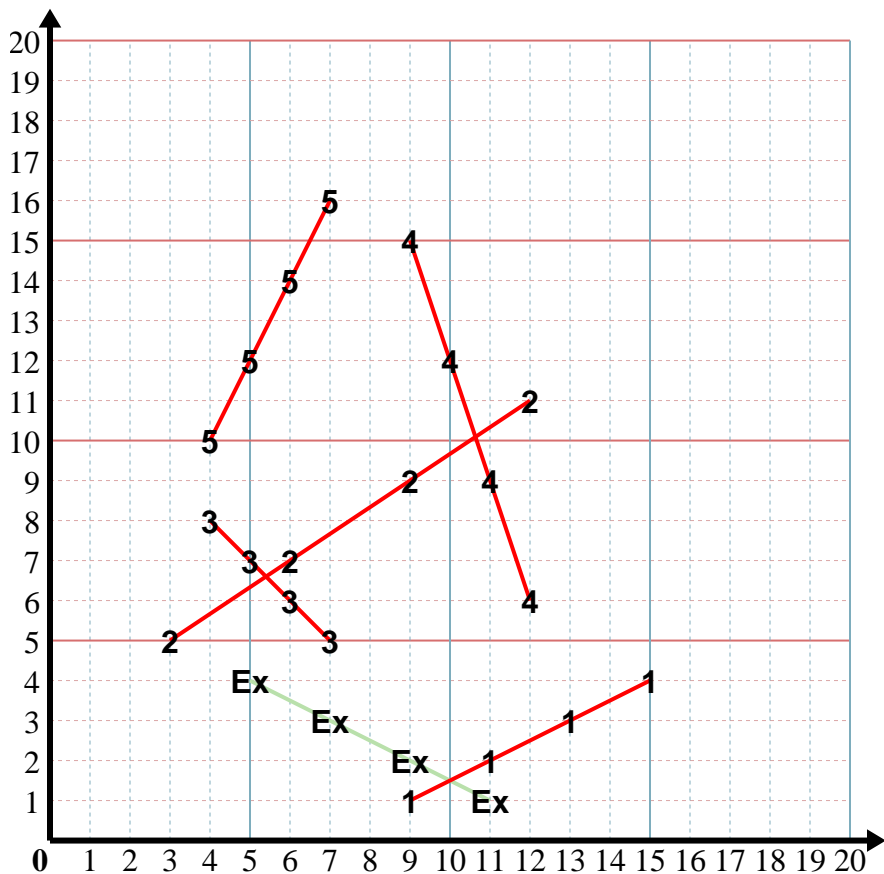
3) X: Start at 4 and add 1.  
 Y: Start at 8 and subtract 1.  
 x: \_\_\_\_\_  
 y: \_\_\_\_\_

4) X: Start at 9 and add 1.  
 Y: Start at 15 and subtract 3.  
 x: \_\_\_\_\_  
 y: \_\_\_\_\_

5) X: Start at 4 and add 1.  
 Y: Start at 10 and add 2.  
 x: \_\_\_\_\_  
 y: \_\_\_\_\_



Fill in the patterns and then graph the coordinate pairs.



Answers

Ex. (5, 4)

1. (15, 4)

2. (3, 5)

3. (7, 5)

4. (12, 6)

5. (7, 16)

Ex) X: Start at 11 and subtract 2.

Y: Start at 1 and add 1.

x: 11 9 7 5  
y: 1 2 3 4

1) X: Start at 9 and add 2.

Y: Start at 1 and add 1.

x: 9 11 13 15  
y: 1 2 3 4

2) X: Start at 12 and subtract 3.

Y: Start at 11 and subtract 2.

x: 12 9 6 3  
y: 11 9 7 5

3) X: Start at 4 and add 1.

Y: Start at 8 and subtract 1.

x: 4 5 6 7  
y: 8 7 6 5

4) X: Start at 9 and add 1.

Y: Start at 15 and subtract 3.

x: 9 10 11 12  
y: 15 12 9 6

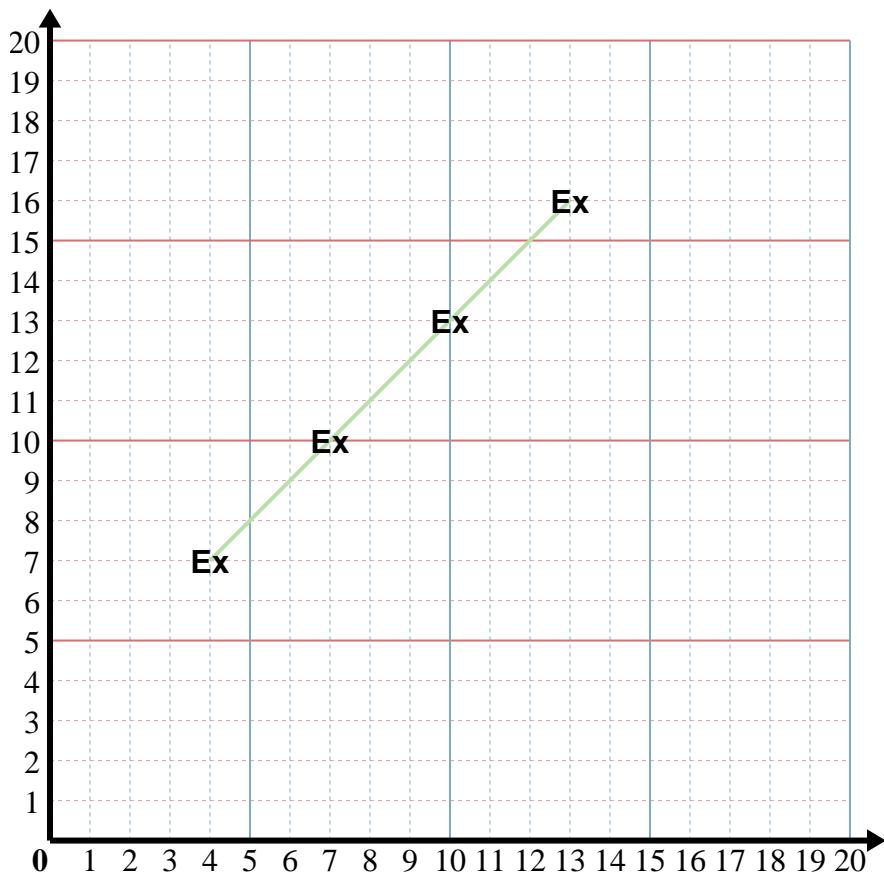
5) X: Start at 4 and add 1.

Y: Start at 10 and add 2.

x: 4 5 6 7  
y: 10 12 14 16



Fill in the patterns and then graph the coordinate pairs.



**Answers**

Ex. (4, 7)

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

Ex) X: Start at 13 and subtract 3.  
 Y: Start at 16 and subtract 3.  
 x: 13 10 7 4  
 y: 16 13 10 7

1) X: Start at 16 and subtract 2.  
 Y: Start at 3 and add 2.  
 x: \_\_\_\_\_  
 y: \_\_\_\_\_

2) X: Start at 7 and add 1.  
 Y: Start at 4 and add 2.  
 x: \_\_\_\_\_  
 y: \_\_\_\_\_

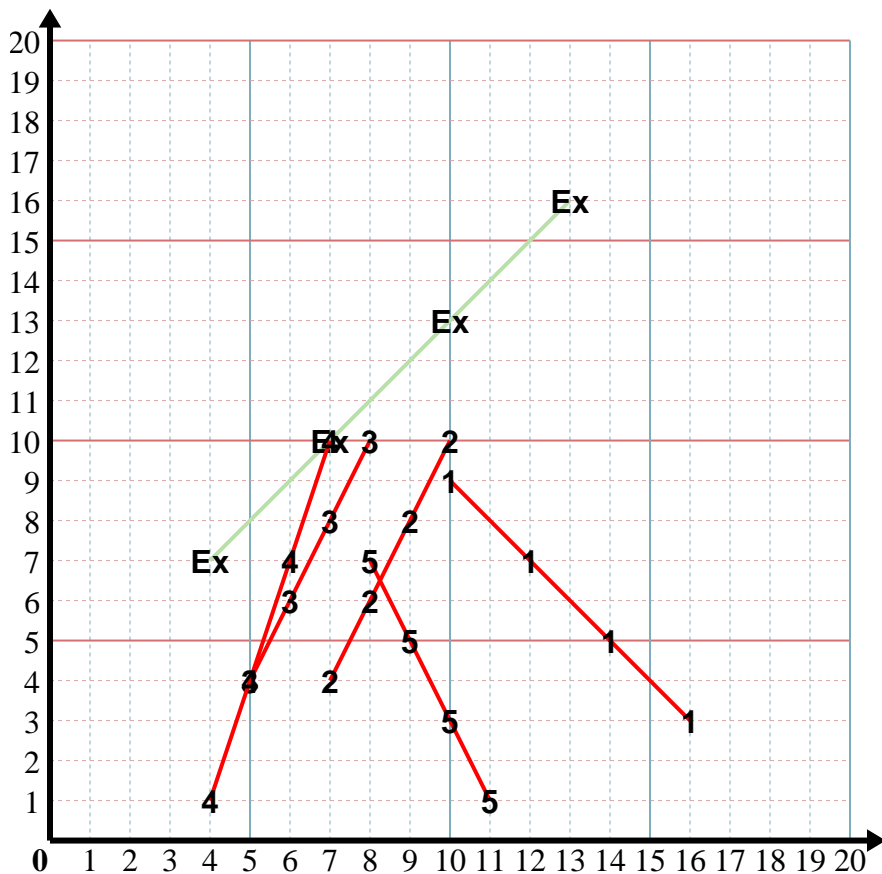
3) X: Start at 8 and subtract 1.  
 Y: Start at 10 and subtract 2.  
 x: \_\_\_\_\_  
 y: \_\_\_\_\_

4) X: Start at 7 and subtract 1.  
 Y: Start at 10 and subtract 3.  
 x: \_\_\_\_\_  
 y: \_\_\_\_\_

5) X: Start at 8 and add 1.  
 Y: Start at 7 and subtract 2.  
 x: \_\_\_\_\_  
 y: \_\_\_\_\_



Fill in the patterns and then graph the coordinate pairs.



Answers

Ex. (4, 7)

1. (10, 9)

2. (10, 10)

3. (5, 4)

4. (4, 1)

5. (11, 1)

Ex) X: Start at 13 and subtract 3.  
 Y: Start at 16 and subtract 3.  
 x: 13 10 7 4  
 y: 16 13 10 7

1) X: Start at 16 and subtract 2.  
 Y: Start at 3 and add 2.  
 x: 16 14 12 10  
 y: 3 5 7 9

2) X: Start at 7 and add 1.  
 Y: Start at 4 and add 2.  
 x: 7 8 9 10  
 y: 4 6 8 10

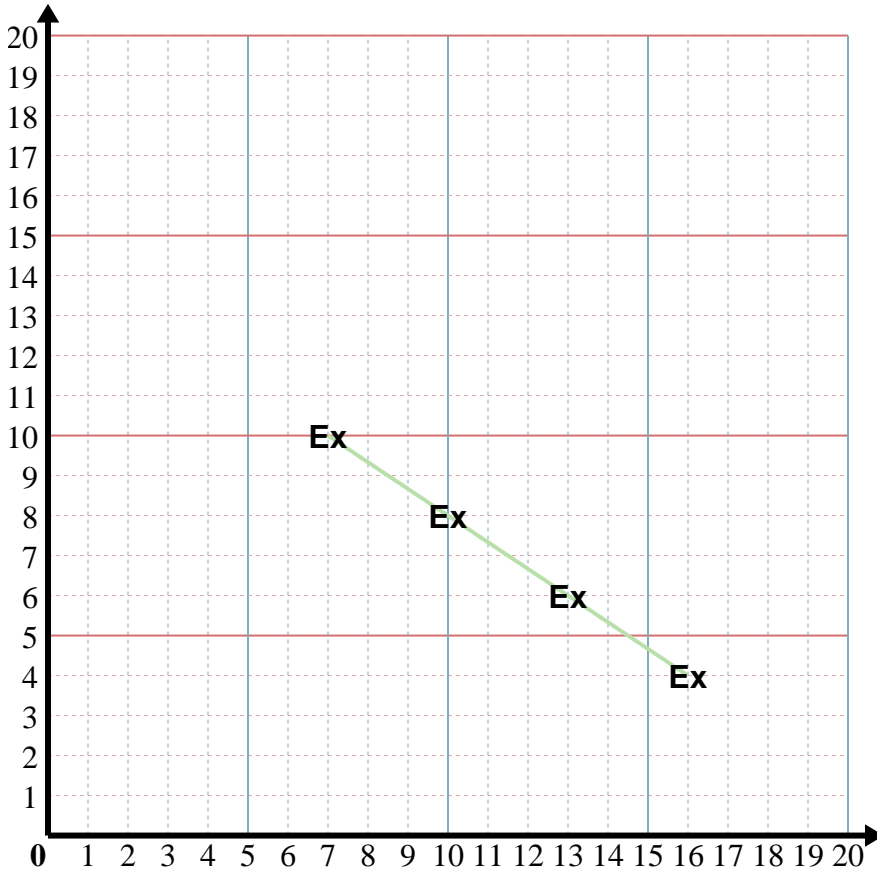
3) X: Start at 8 and subtract 1.  
 Y: Start at 10 and subtract 2.  
 x: 8 7 6 5  
 y: 10 8 6 4

4) X: Start at 7 and subtract 1.  
 Y: Start at 10 and subtract 3.  
 x: 7 6 5 4  
 y: 10 7 4 1

5) X: Start at 8 and add 1.  
 Y: Start at 7 and subtract 2.  
 x: 8 9 10 11  
 y: 7 5 3 1



Fill in the patterns and then graph the coordinate pairs.



**Answers**

Ex. (7, 10)

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

Ex) X: Start at 16 and subtract 3.  
 Y: Start at 4 and add 2.  
 x: 16 13 10 7  
 y: 4 6 8 10

1) X: Start at 11 and subtract 3.  
 Y: Start at 15 and subtract 2.  
 x: \_\_\_\_\_  
 y: \_\_\_\_\_

2) X: Start at 16 and subtract 3.  
 Y: Start at 4 and add 2.  
 x: \_\_\_\_\_  
 y: \_\_\_\_\_

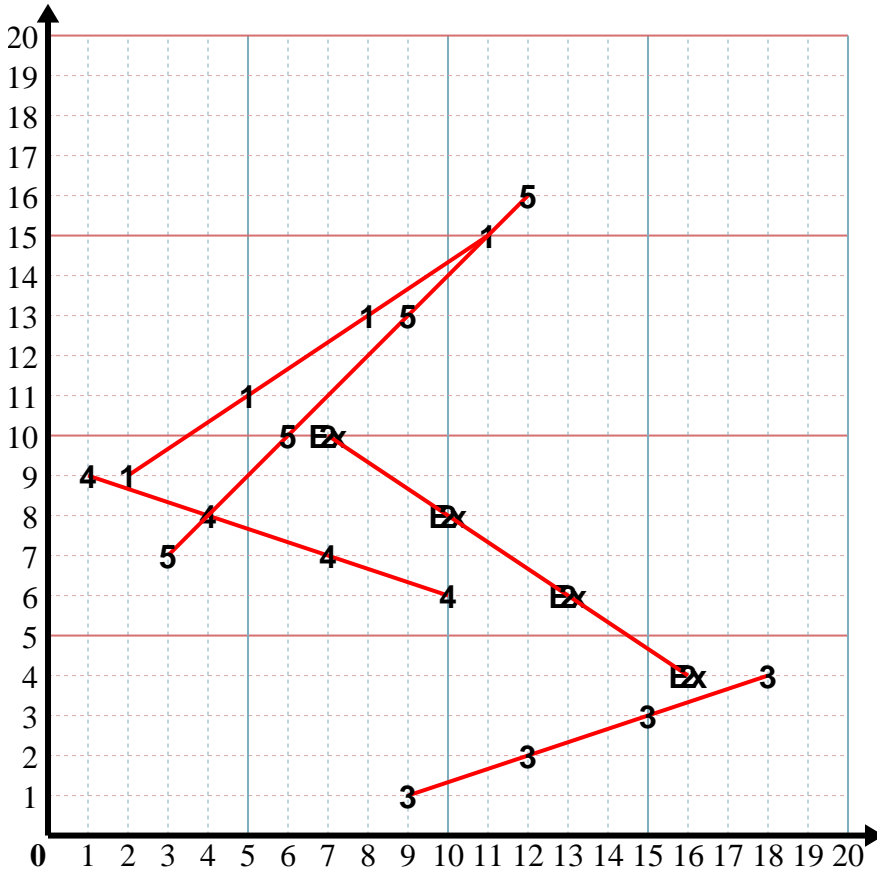
3) X: Start at 9 and add 3.  
 Y: Start at 1 and add 1.  
 x: \_\_\_\_\_  
 y: \_\_\_\_\_

4) X: Start at 10 and subtract 3.  
 Y: Start at 6 and add 1.  
 x: \_\_\_\_\_  
 y: \_\_\_\_\_

5) X: Start at 12 and subtract 3.  
 Y: Start at 16 and subtract 3.  
 x: \_\_\_\_\_  
 y: \_\_\_\_\_



Fill in the patterns and then graph the coordinate pairs.



Answers

Ex. (7, 10)

1. (2, 9)

2. (7, 10)

3. (18, 4)

4. (1, 9)

5. (3, 7)

Ex) X: Start at 16 and subtract 3.  
 Y: Start at 4 and add 2.  
 x: 16 13 10 7  
 y: 4 6 8 10

1) X: Start at 11 and subtract 3.  
 Y: Start at 15 and subtract 2.  
 x: 11 8 5 2  
 y: 15 13 11 9

2) X: Start at 16 and subtract 3.  
 Y: Start at 4 and add 2.  
 x: 16 13 10 7  
 y: 4 6 8 10

3) X: Start at 9 and add 3.  
 Y: Start at 1 and add 1.  
 x: 9 12 15 18  
 y: 1 2 3 4

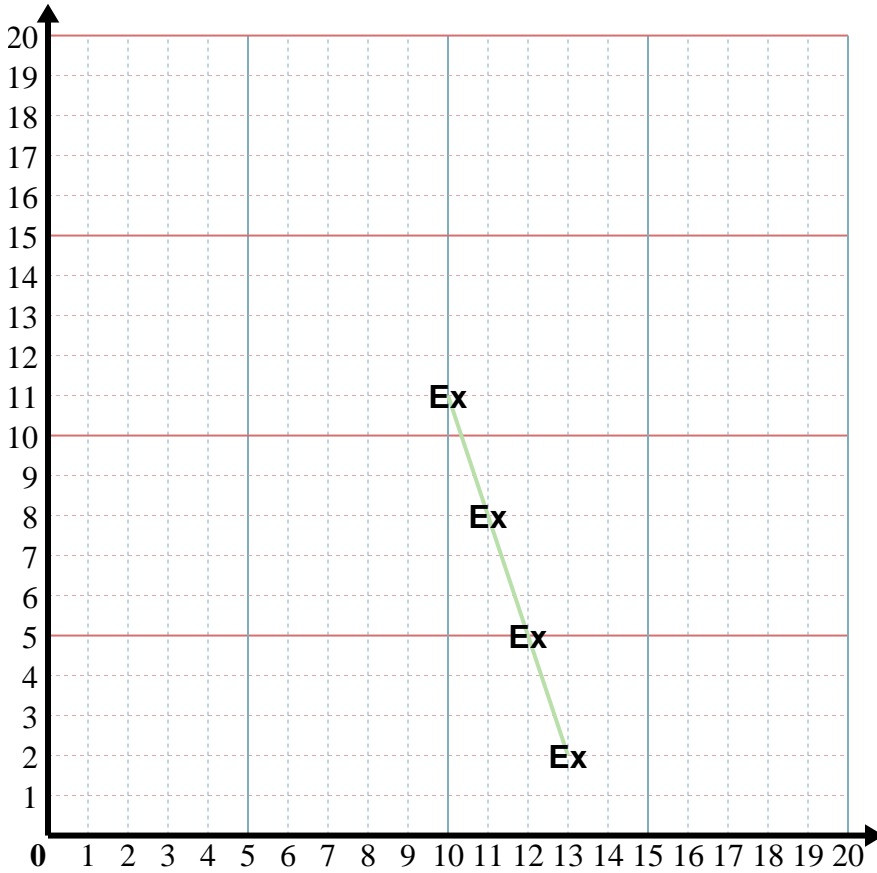
4) X: Start at 10 and subtract 3.  
 Y: Start at 6 and add 1.  
 x: 10 7 4 1  
 y: 6 7 8 9

5) X: Start at 12 and subtract 3.  
 Y: Start at 16 and subtract 3.  
 x: 12 9 6 3  
 y: 16 13 10 7





Fill in the patterns and then graph the coordinate pairs.



**Answers**

Ex. (10, 11)

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

Ex) X: Start at 13 and subtract 1.  
 Y: Start at 2 and add 3.  
 x: 13 12 11 10  
 y: 2 5 8 11

1) X: Start at 3 and add 1.  
 Y: Start at 15 and subtract 3.  
 x: \_\_\_\_\_  
 y: \_\_\_\_\_

2) X: Start at 4 and add 2.  
 Y: Start at 9 and add 3.  
 x: \_\_\_\_\_  
 y: \_\_\_\_\_

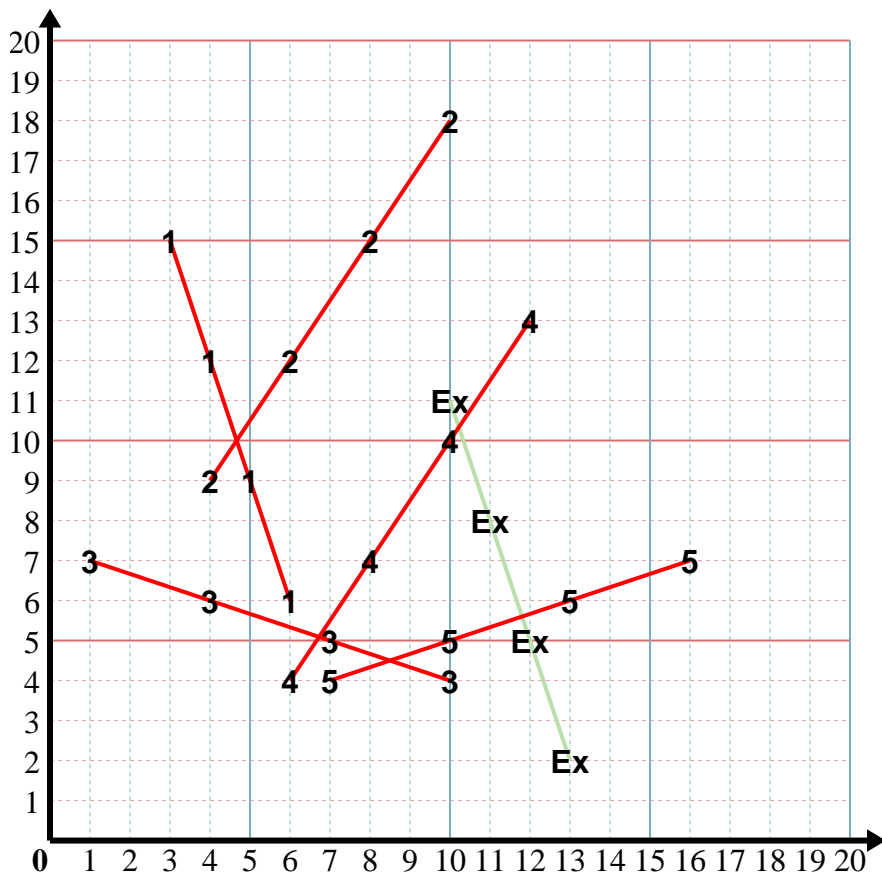
3) X: Start at 10 and subtract 3.  
 Y: Start at 4 and add 1.  
 x: \_\_\_\_\_  
 y: \_\_\_\_\_

4) X: Start at 12 and subtract 2.  
 Y: Start at 13 and subtract 3.  
 x: \_\_\_\_\_  
 y: \_\_\_\_\_

5) X: Start at 7 and add 3.  
 Y: Start at 4 and add 1.  
 x: \_\_\_\_\_  
 y: \_\_\_\_\_



Fill in the patterns and then graph the coordinate pairs.



Answers

Ex. (10, 11)

1. (6, 6)

2. (10, 18)

3. (1, 7)

4. (6, 4)

5. (16, 7)

Ex) X: Start at 13 and subtract 1.  
 Y: Start at 2 and add 3.  
 x: 13 12 11 10  
 y: 2 5 8 11

1) X: Start at 3 and add 1.  
 Y: Start at 15 and subtract 3.  
 x: 3 4 5 6  
 y: 15 12 9 6

2) X: Start at 4 and add 2.  
 Y: Start at 9 and add 3.  
 x: 4 6 8 10  
 y: 9 12 15 18

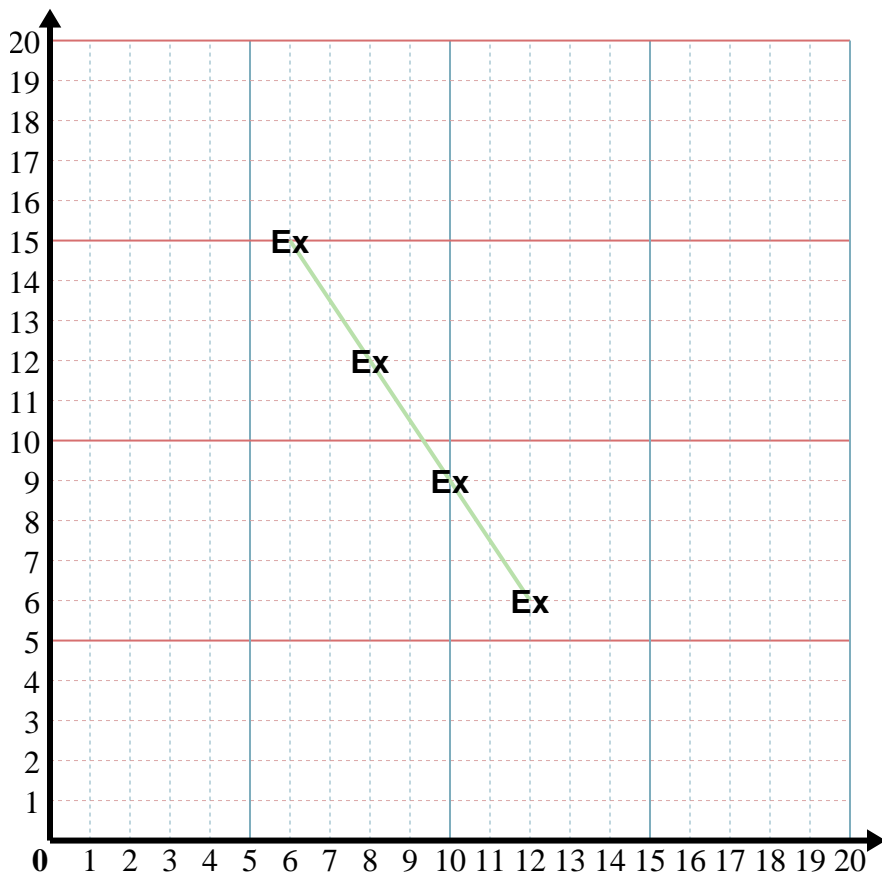
3) X: Start at 10 and subtract 3.  
 Y: Start at 4 and add 1.  
 x: 10 7 4 1  
 y: 4 5 6 7

4) X: Start at 12 and subtract 2.  
 Y: Start at 13 and subtract 3.  
 x: 12 10 8 6  
 y: 13 10 7 4

5) X: Start at 7 and add 3.  
 Y: Start at 4 and add 1.  
 x: 7 10 13 16  
 y: 4 5 6 7



Fill in the patterns and then graph the coordinate pairs.



**Answers**

Ex. (12, 6)

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

**Ex)** X: Start at 6 and add 2.  
 Y: Start at 15 and subtract 3.  
 x: 6 8 10 12  
 y: 15 12 9 6

**1)** X: Start at 8 and add 2.  
 Y: Start at 10 and add 3.  
 x: \_\_\_\_\_  
 y: \_\_\_\_\_

**2)** X: Start at 2 and add 1.  
 Y: Start at 5 and subtract 1.  
 x: \_\_\_\_\_  
 y: \_\_\_\_\_

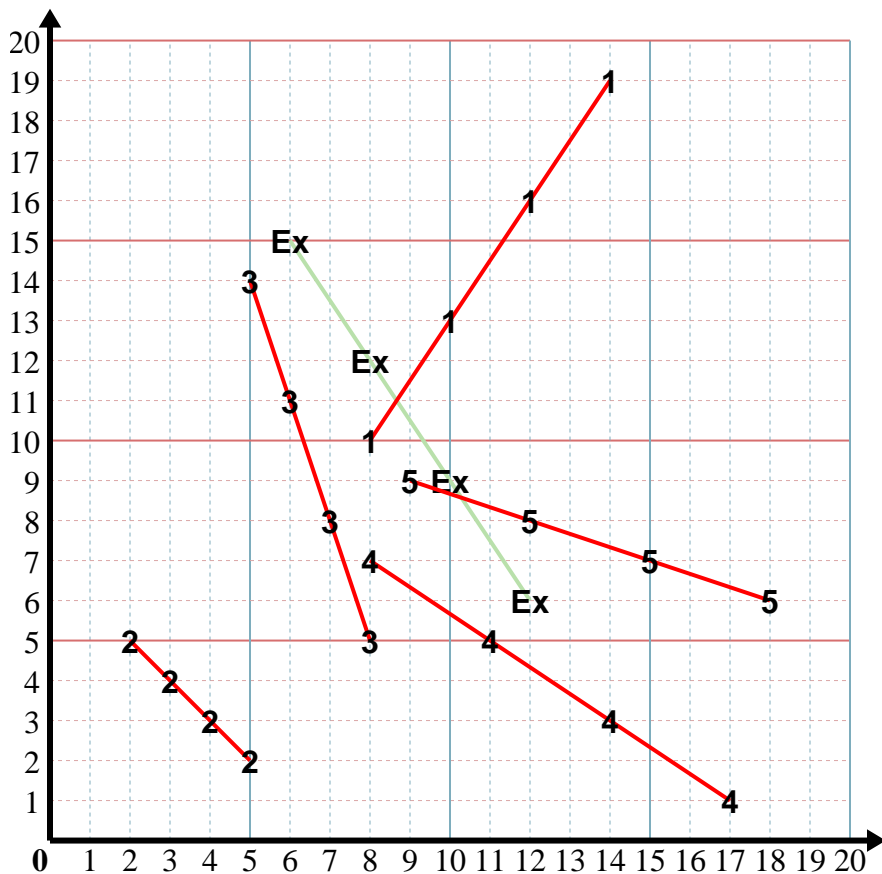
**3)** X: Start at 8 and subtract 1.  
 Y: Start at 5 and add 3.  
 x: \_\_\_\_\_  
 y: \_\_\_\_\_

**4)** X: Start at 17 and subtract 3.  
 Y: Start at 1 and add 2.  
 x: \_\_\_\_\_  
 y: \_\_\_\_\_

**5)** X: Start at 18 and subtract 3.  
 Y: Start at 6 and add 1.  
 x: \_\_\_\_\_  
 y: \_\_\_\_\_



Fill in the patterns and then graph the coordinate pairs.



Answers

Ex. (12, 6)

1. (14, 19)

2. (5, 2)

3. (5, 14)

4. (8, 7)

5. (9, 9)

Ex) X: Start at 6 and add 2.  
 Y: Start at 15 and subtract 3.  
 x: 6 8 10 12  
 y: 15 12 9 6

1) X: Start at 8 and add 2.  
 Y: Start at 10 and add 3.  
 x: 8 10 12 14  
 y: 10 13 16 19

2) X: Start at 2 and add 1.  
 Y: Start at 5 and subtract 1.  
 x: 2 3 4 5  
 y: 5 4 3 2

3) X: Start at 8 and subtract 1.  
 Y: Start at 5 and add 3.  
 x: 8 7 6 5  
 y: 5 8 11 14

4) X: Start at 17 and subtract 3.  
 Y: Start at 1 and add 2.  
 x: 17 14 11 8  
 y: 1 3 5 7

5) X: Start at 18 and subtract 3.  
 Y: Start at 6 and add 1.  
 x: 18 15 12 9  
 y: 6 7 8 9