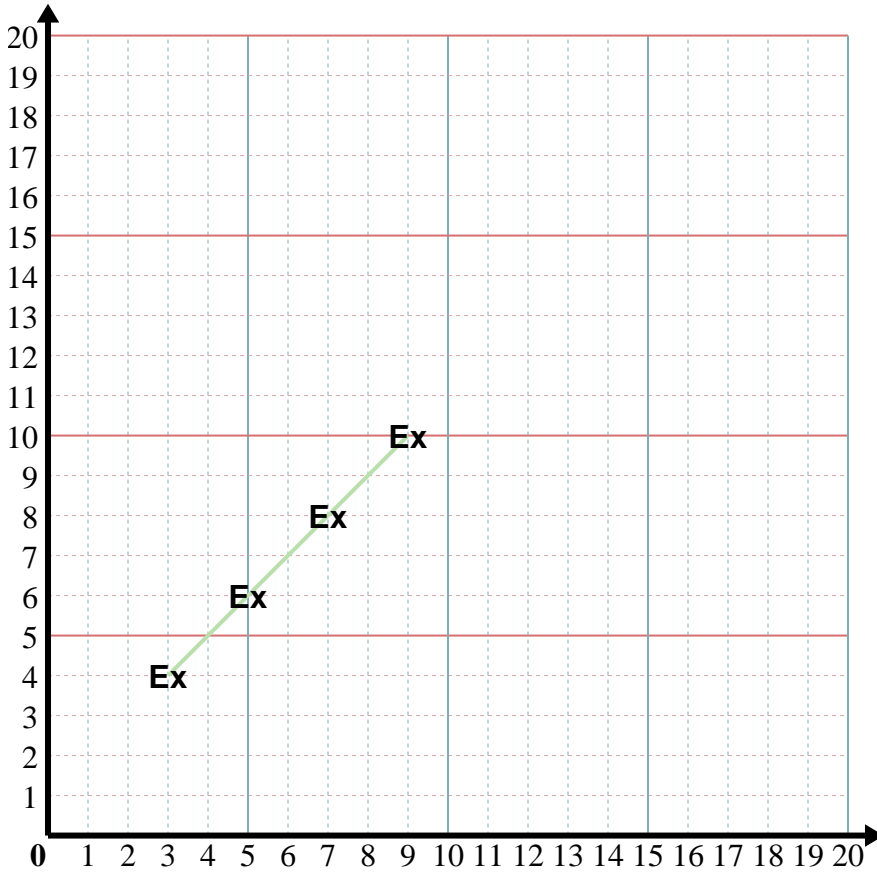




Fill in the patterns and then graph the coordinate pairs.



**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.

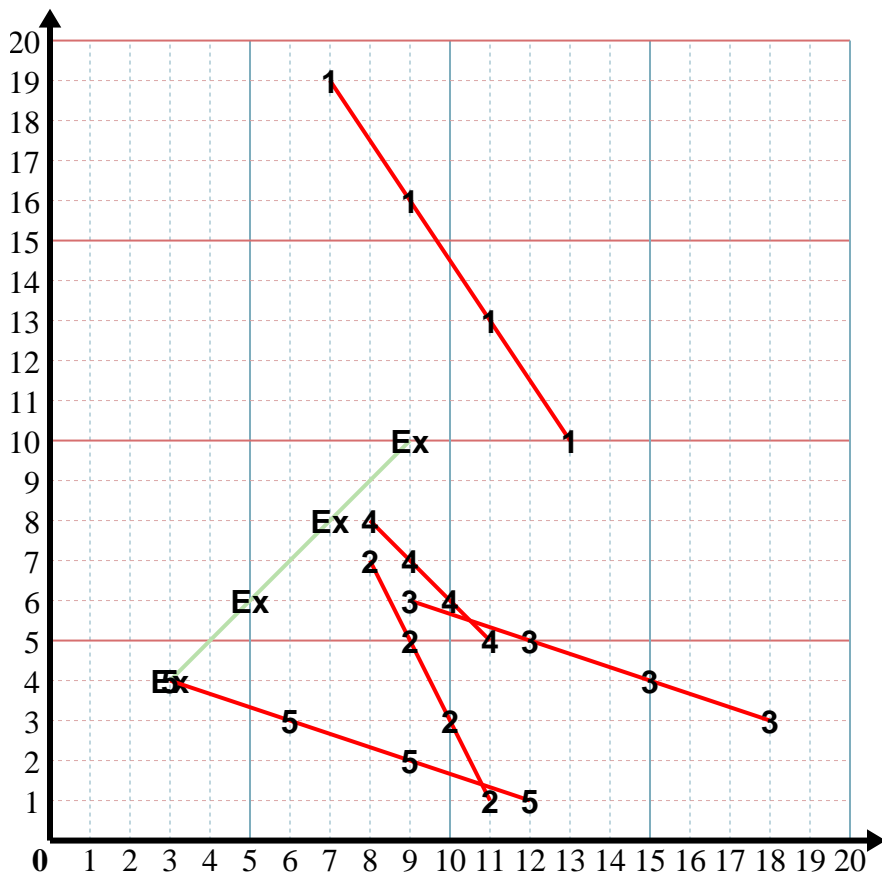
Y: Start at 1 and add 1.

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

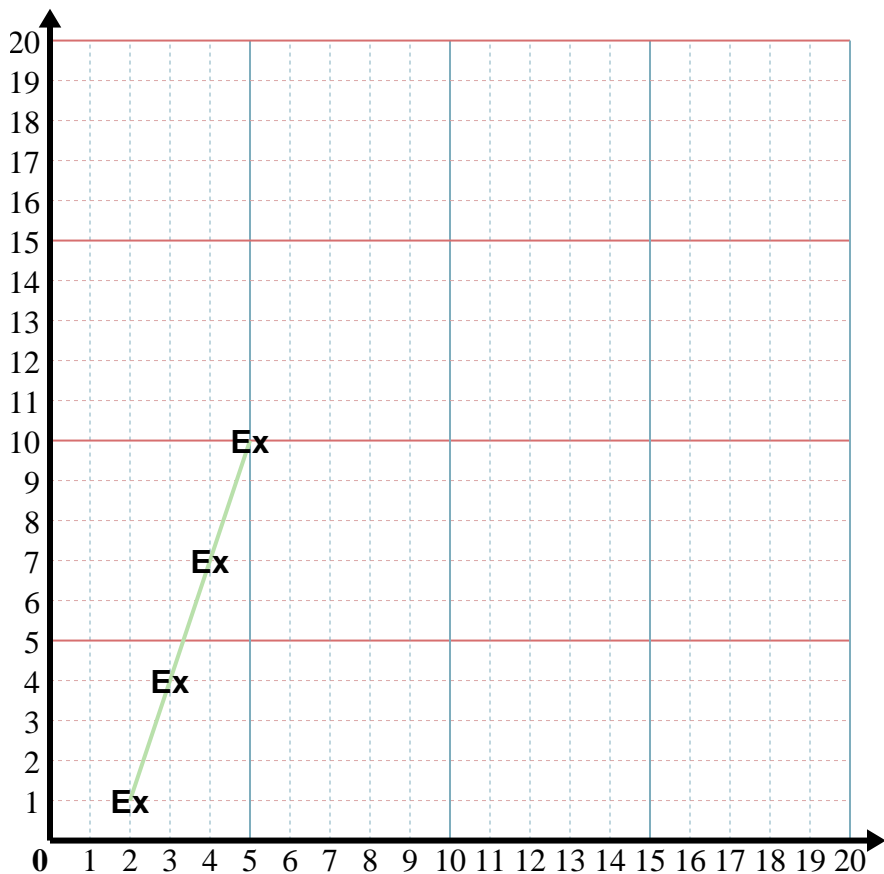
5) X: Start at 12 and subtract 3.

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:	_____	_____	_____	_____

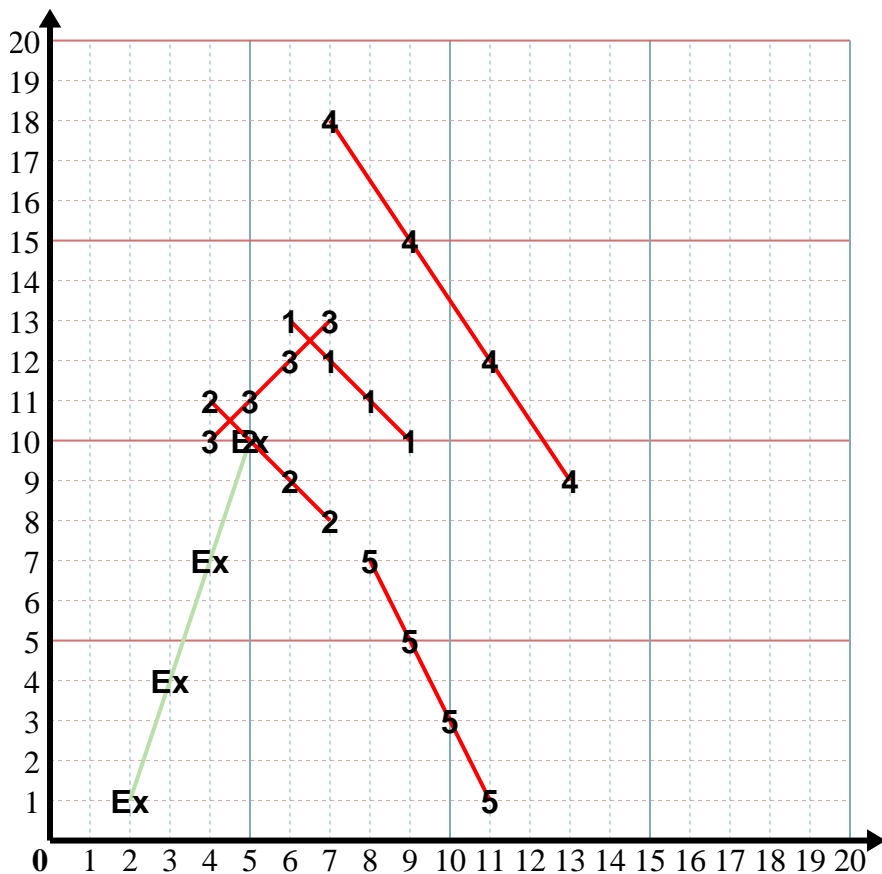
5) X: Start at 11 and subtract 1.

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

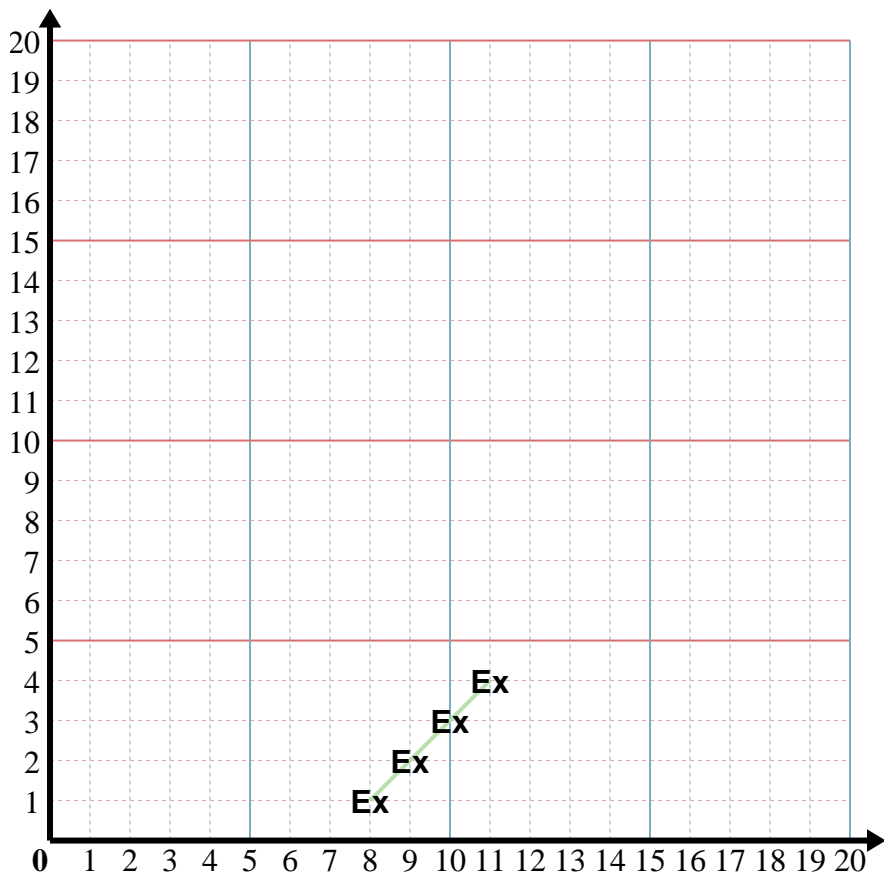
5) X: Start at 11 and subtract 1.

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: \_\_\_\_\_

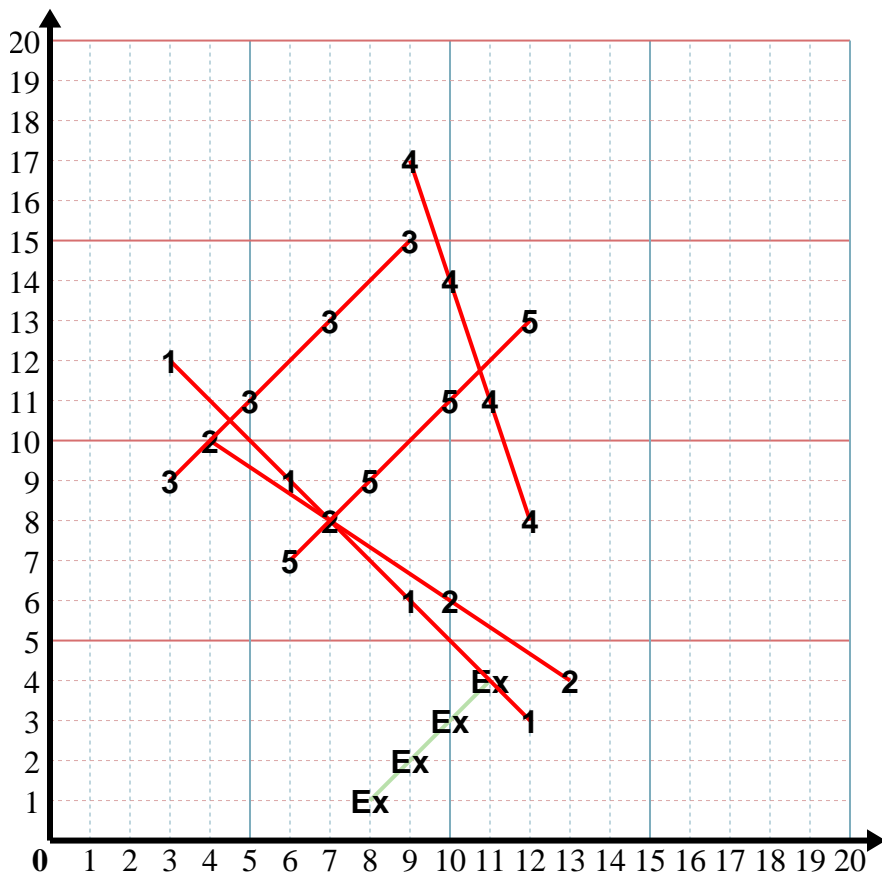
3) X: Start at 3 and add 2.  
 Y: Start at 9 and add 2.  
 x: \_\_\_\_\_  
 y: \_\_\_\_\_

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

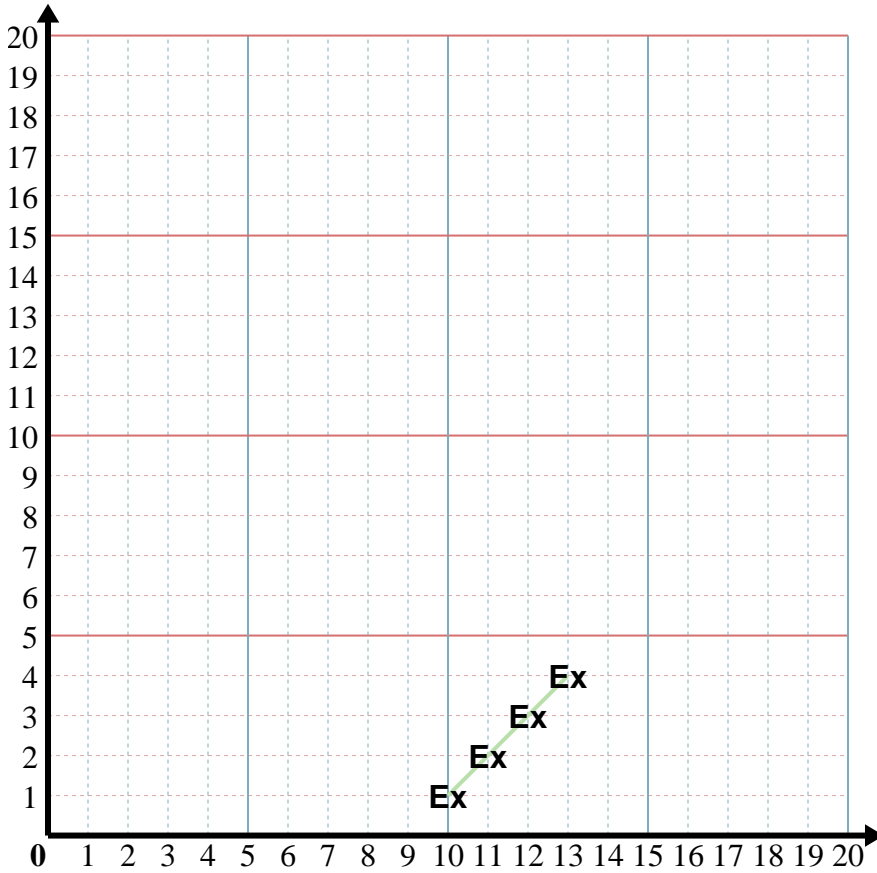
3) X: Start at 3 and add 2.  
 Y: Start at 9 and add 2.  
 x: 3 5 7 9  
 y: 9 11 13 15

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: \_\_\_\_\_

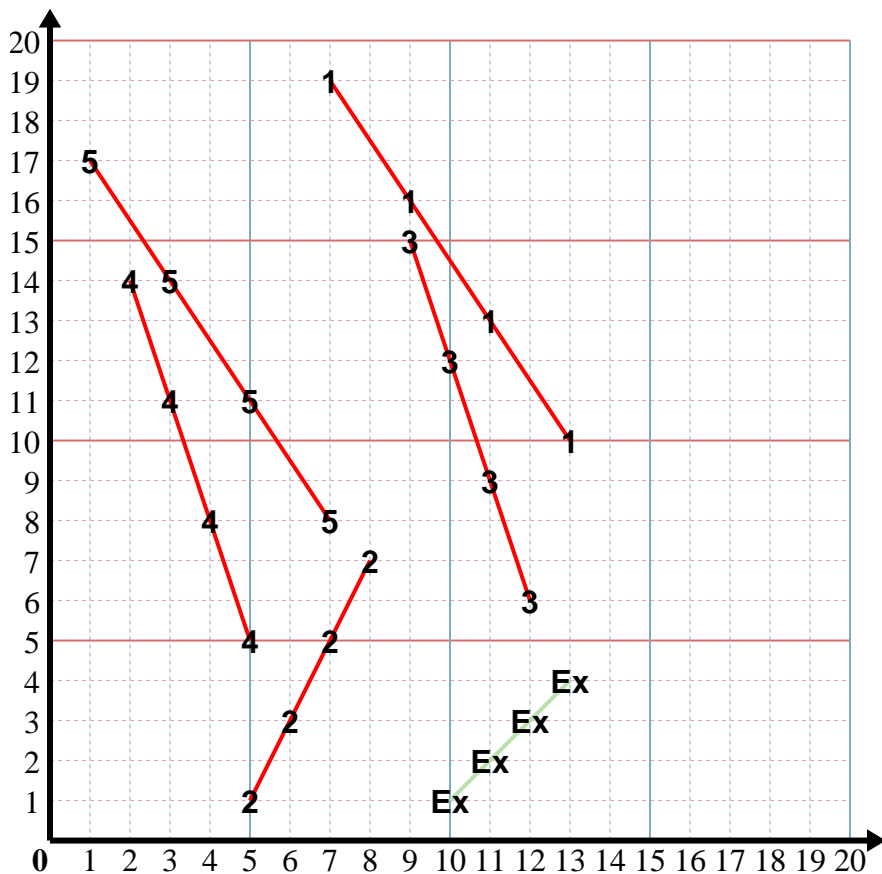
3) X: Start at 12 and subtract 1.  
 Y: Start at 6 and add 3.  
 x: \_\_\_\_\_  
 y: \_\_\_\_\_

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

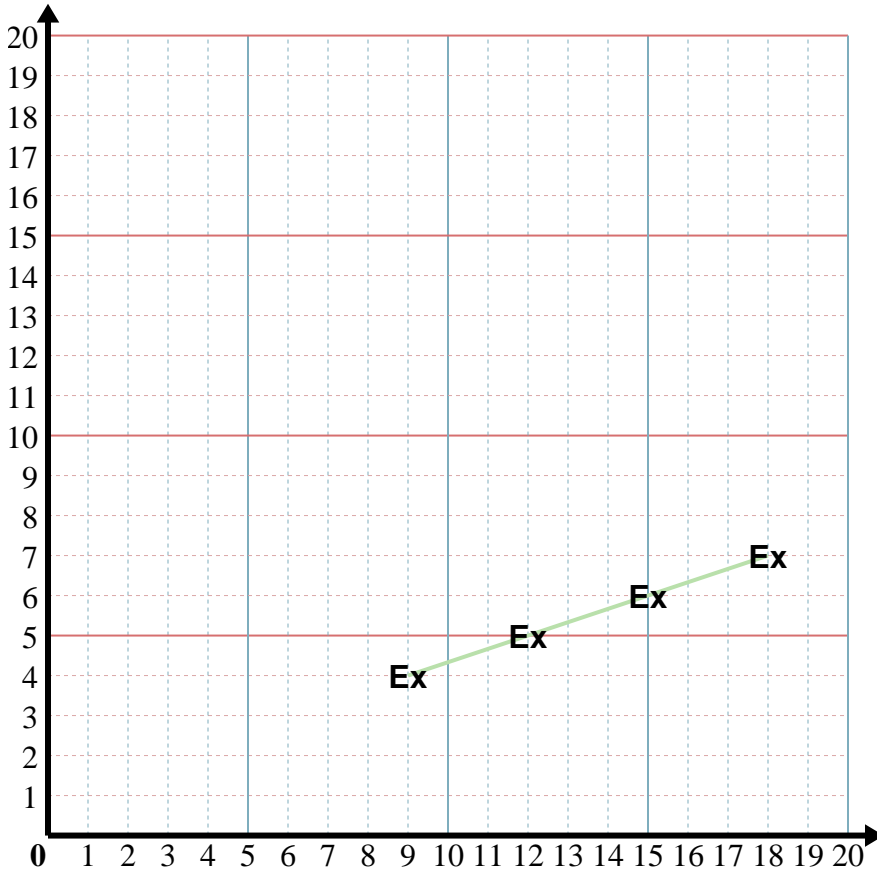
4) X: Start at 5 and subtract 1.  
 Y: Start at 5 and add 3.  
 x: 5 4 3 2  
 y: 5 8 11 14

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.

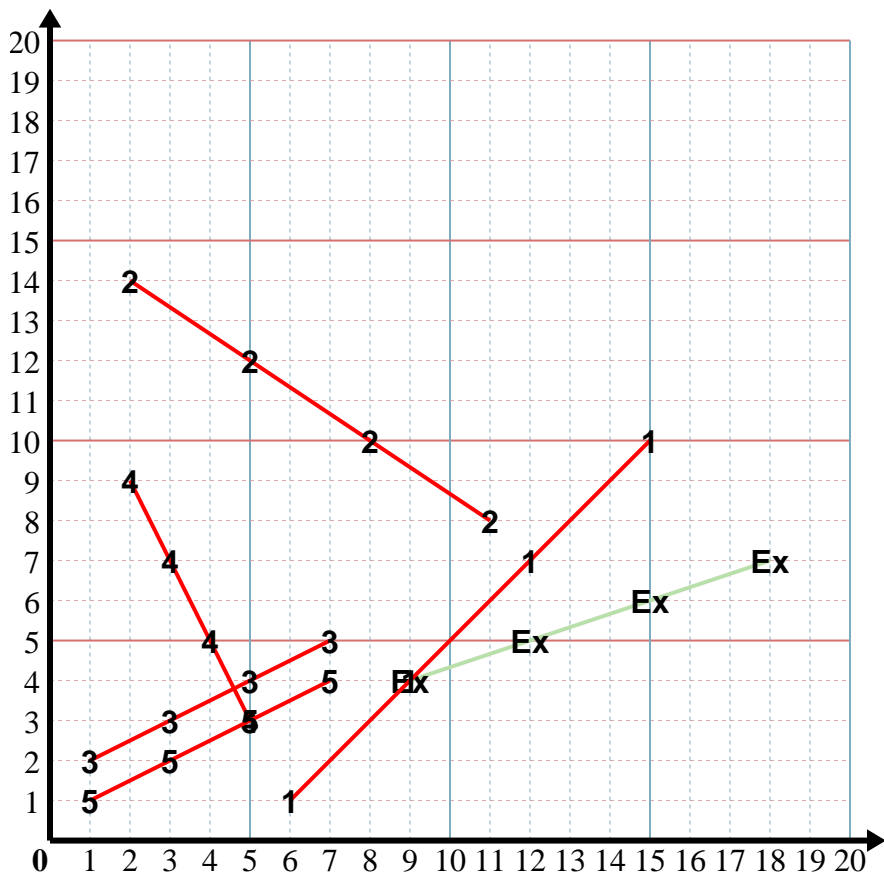
Y: Start at 1 and add 1.

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

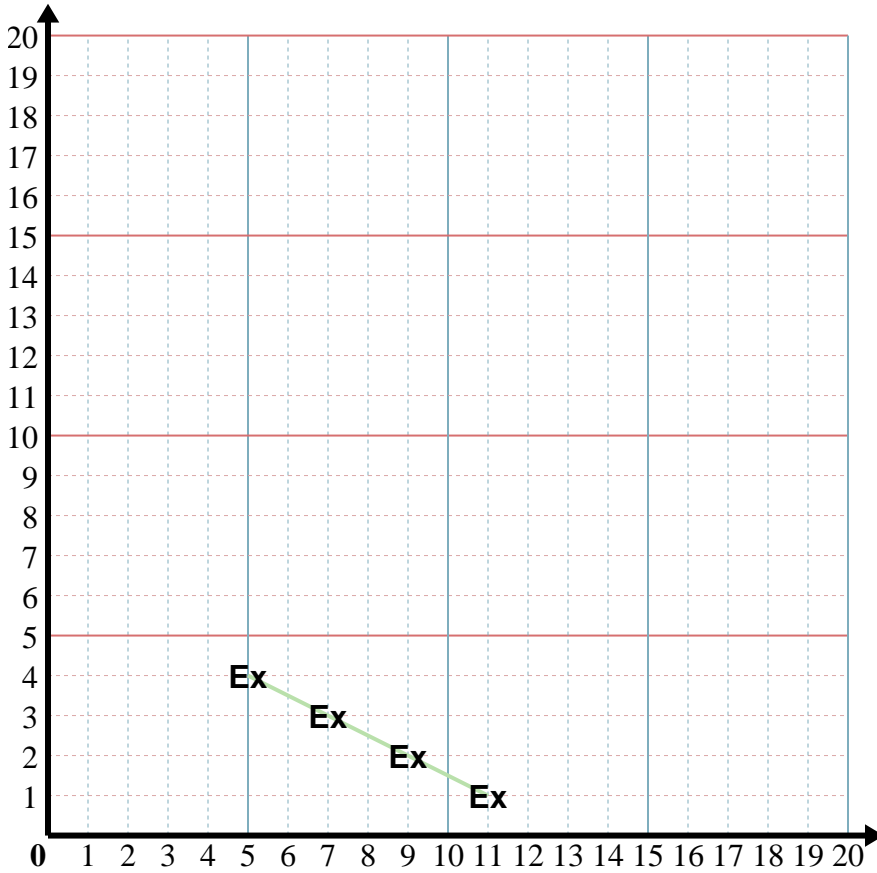
5) X: Start at 1 and add 2.

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: \_\_\_\_\_

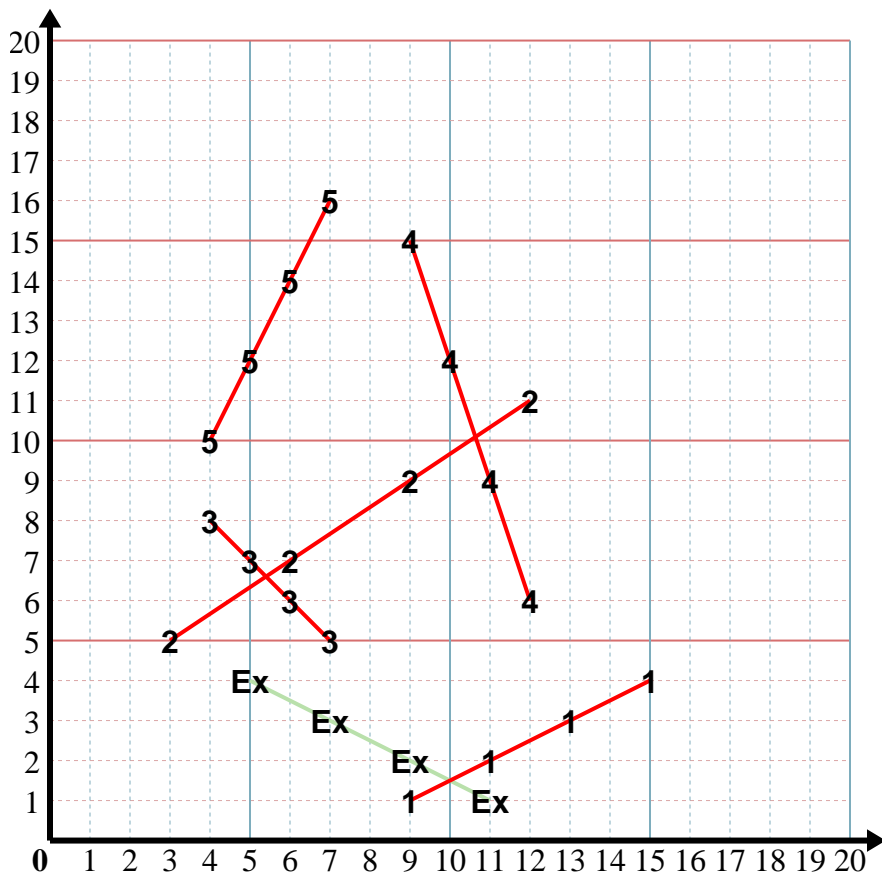
3) X: Start at 4 and add 1.  
 Y: Start at 8 and subtract 1.  
 x: \_\_\_\_\_  
 y: \_\_\_\_\_

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

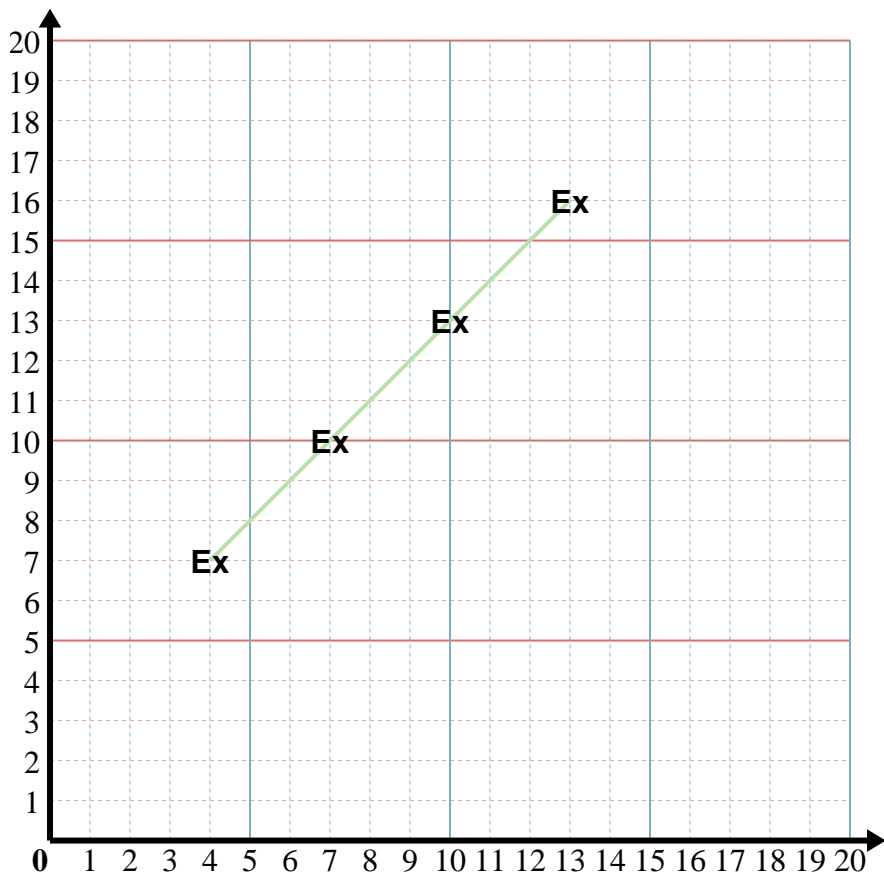
5) X: Start at 4 and add 1.

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: \_\_\_\_\_

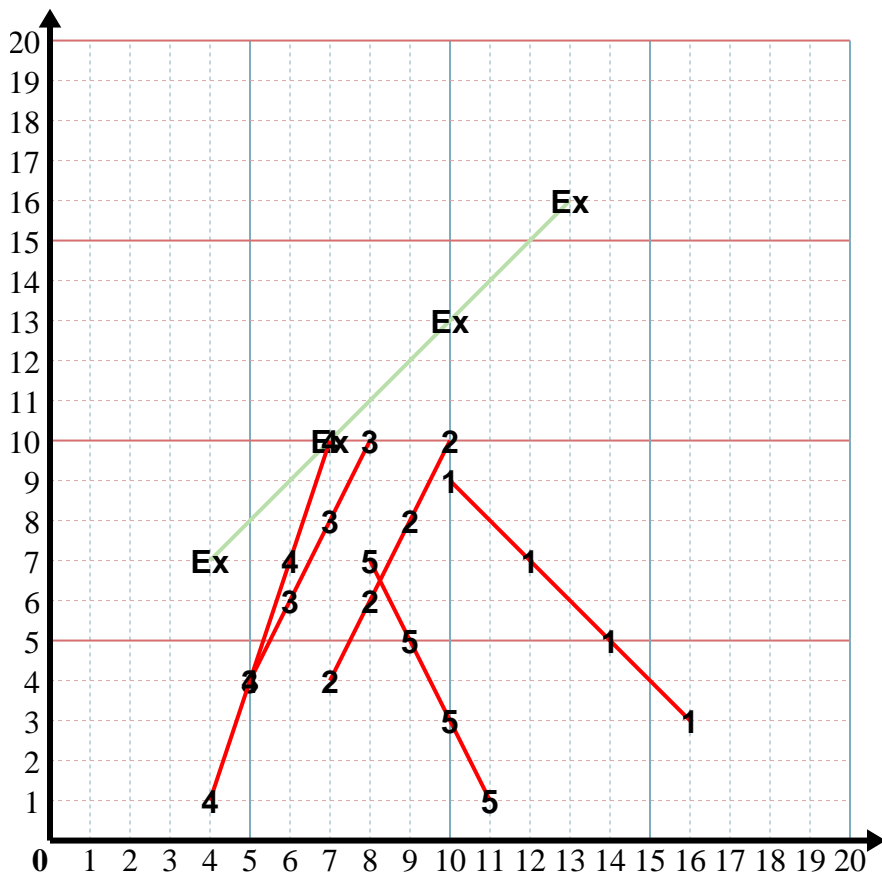
**3)** X: Start at 8 and subtract 1.  
 Y: Start at 10 and subtract 2.  
 x: \_\_\_\_\_  
 y: \_\_\_\_\_

**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

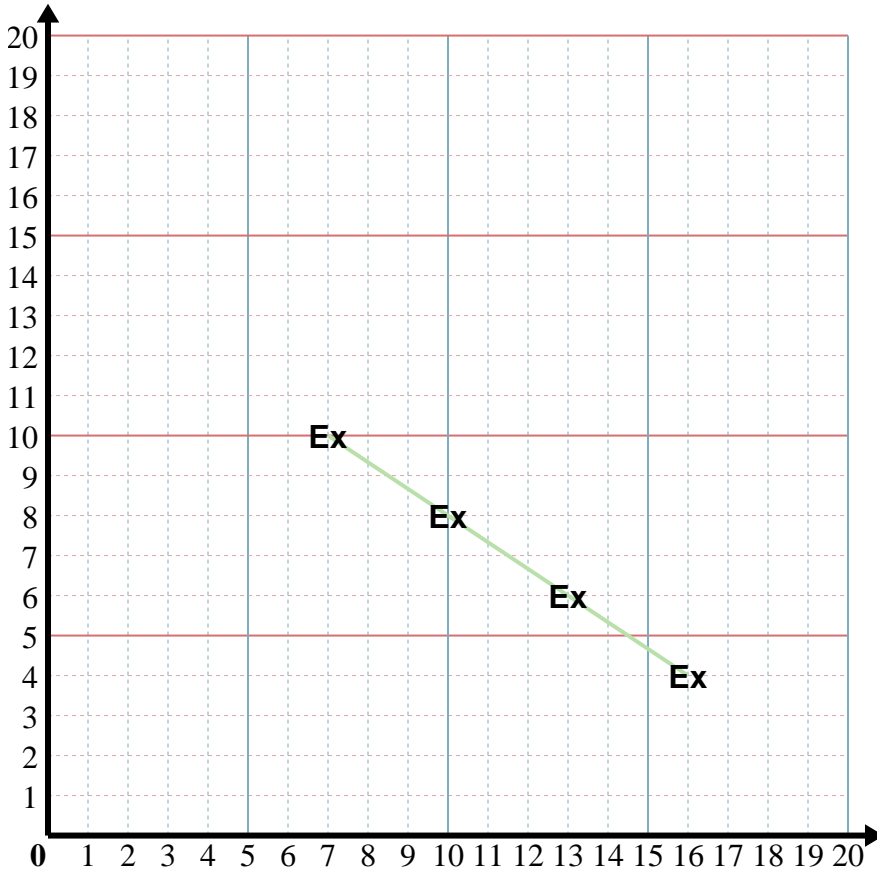
3) X: Start at 8 and subtract 1.  
 Y: Start at 10 and subtract 2.  
 x: 8 7 6 5  
 y: 10 8 6 4

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: \_\_\_\_\_

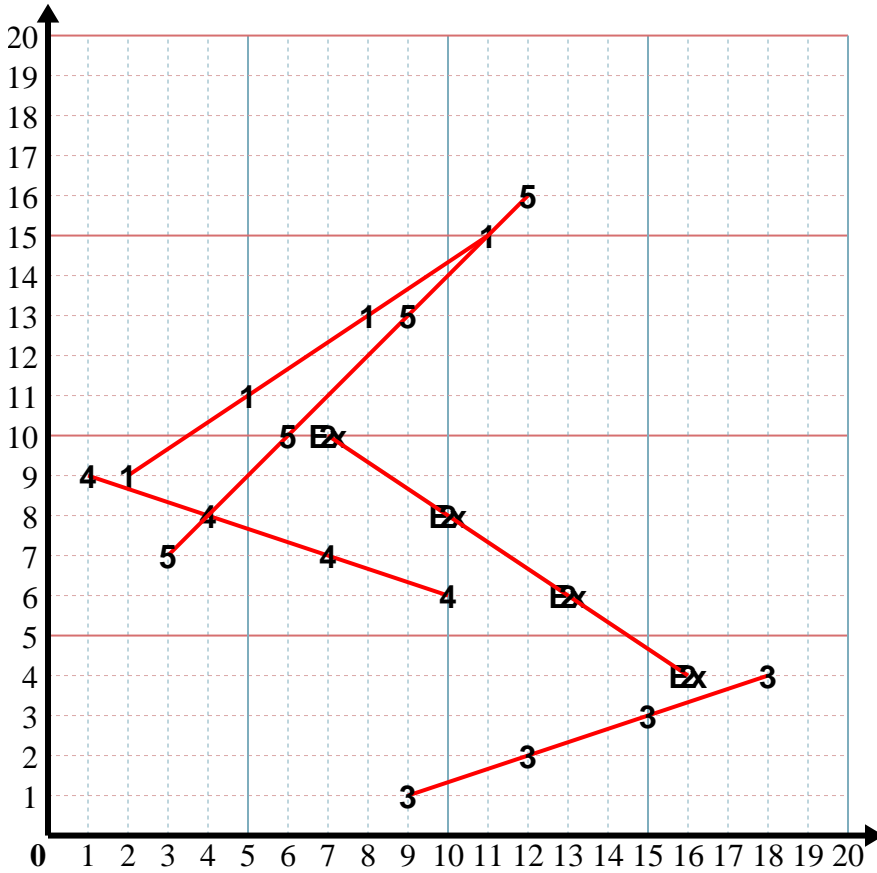
3) X: Start at 9 and add 3.  
 Y: Start at 1 and add 1.  
 x: \_\_\_\_\_  
 y: \_\_\_\_\_

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: \_\_\_\_\_

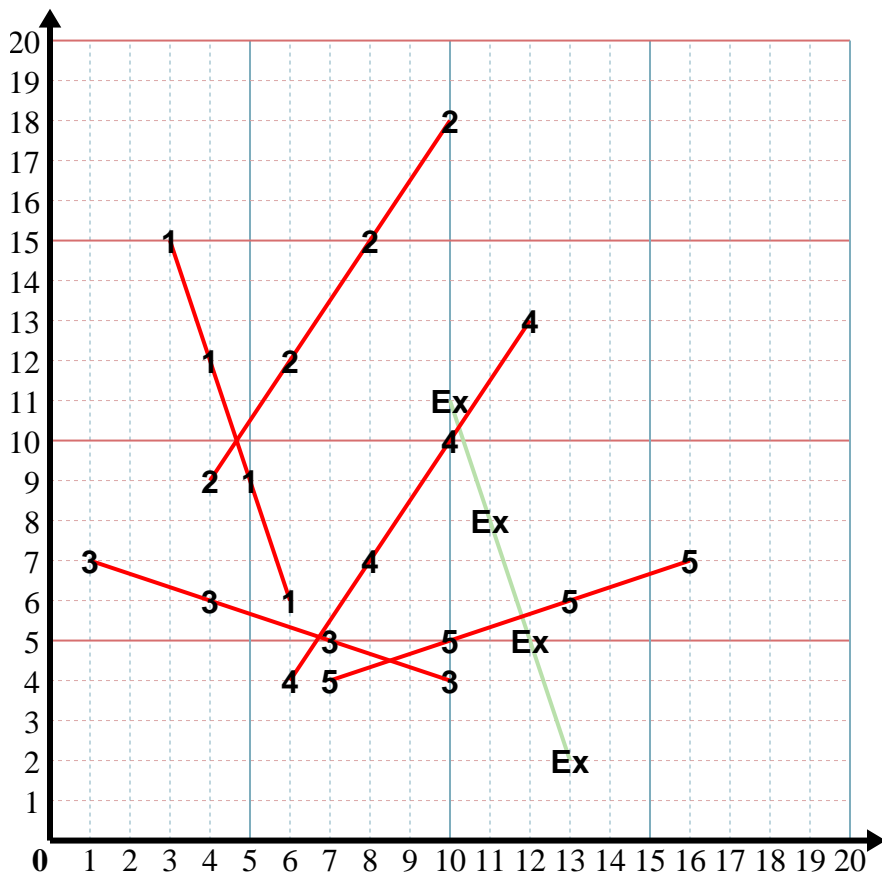
3) X: Start at 10 and subtract 3.  
 Y: Start at 4 and add 1.  
 x: \_\_\_\_\_  
 y: \_\_\_\_\_

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

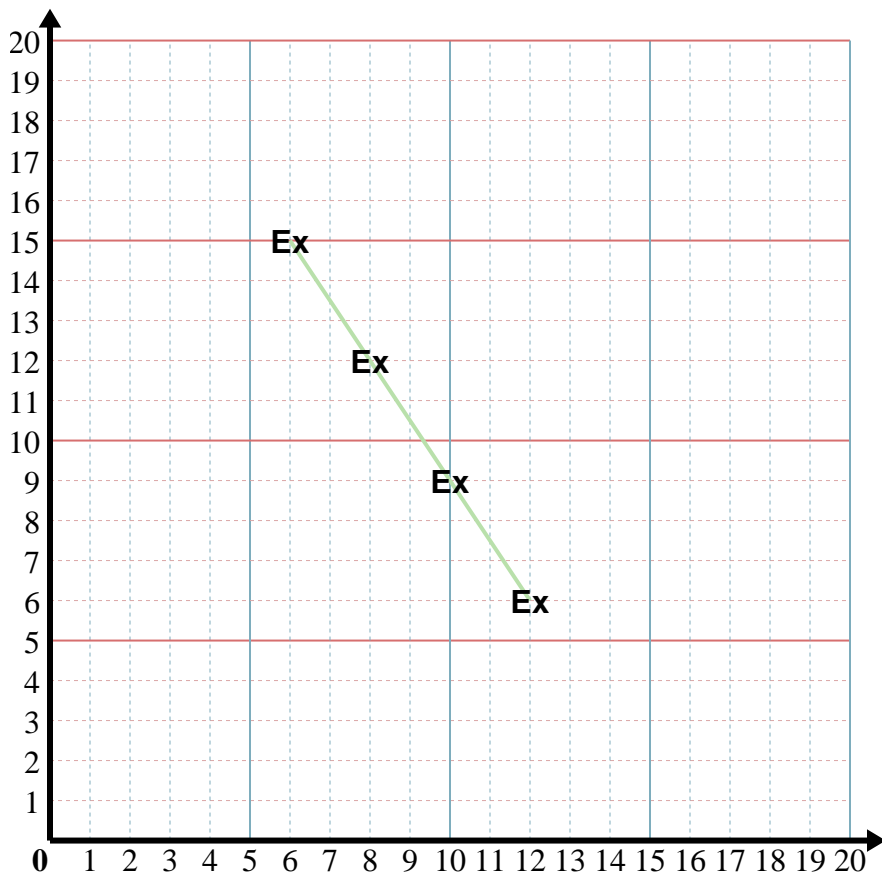
5) X: Start at 7 and add 3.

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: \_\_\_\_\_

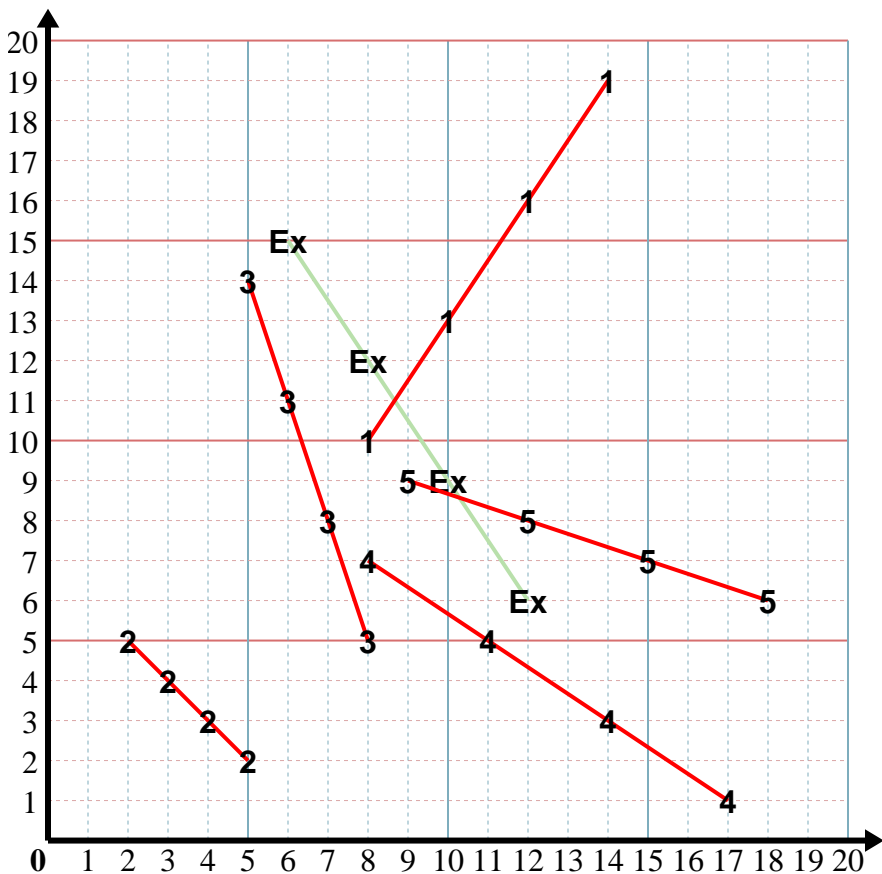
**3)** X: Start at 8 and subtract 1.  
 Y: Start at 5 and add 3.  
 x: \_\_\_\_\_  
 y: \_\_\_\_\_

**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