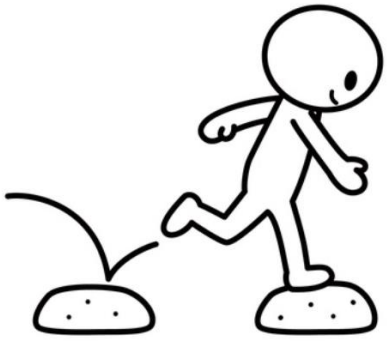
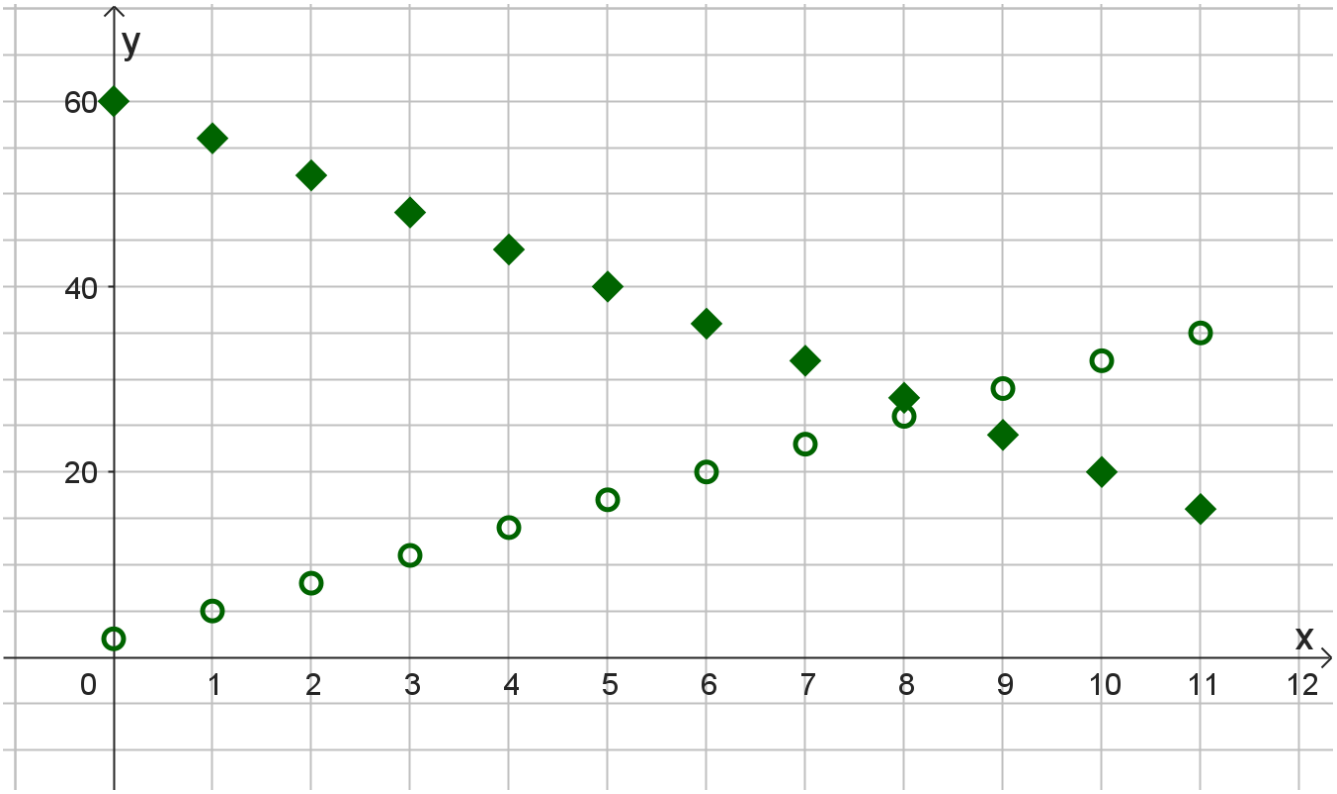
Grade 9 Numeracy 1 (Unit 5 Linear Functions)

Skip Counting! Use the number at the top of the column to skip count. Fill in the blanks in each column.

SKIP COUNT IN:	**A. 3s**	**B. 7s**	**C. -4s**	**D. 0.25s**
0	2	1	60	3
1			56	3.25
2		15		
3				
4				
5				
6		43	36	
7				
8				
9				
10		71		
12	35	78	16	5.75



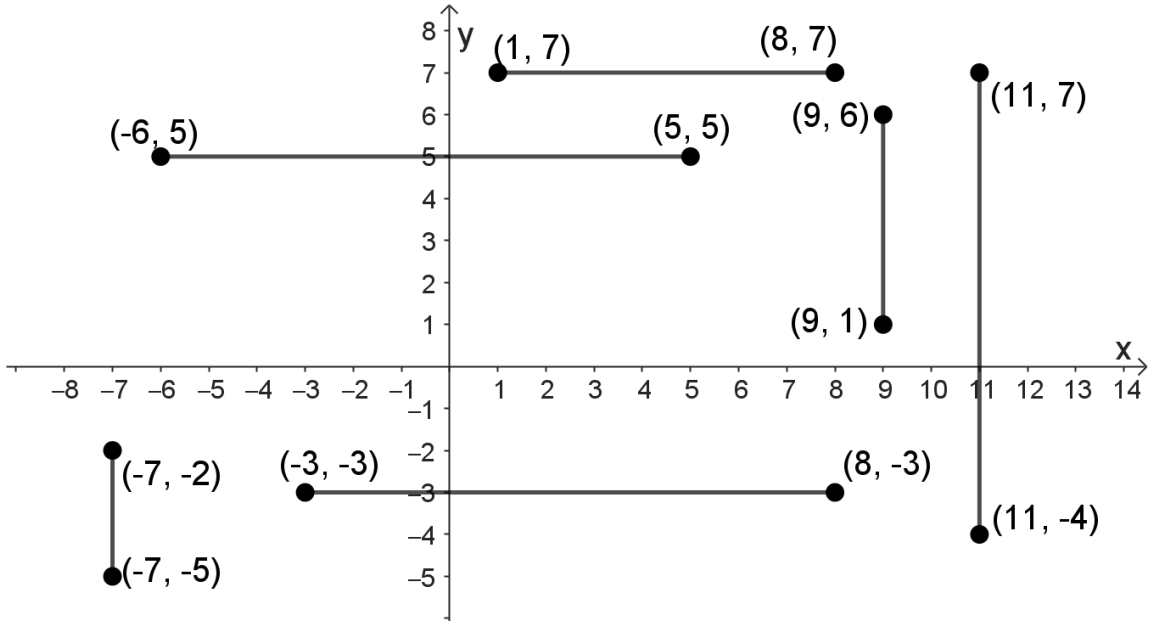
This graph shows two of the number sequences on the first page.



Which sequence? Diamonds show a graph of the number sequence: A B C or D?

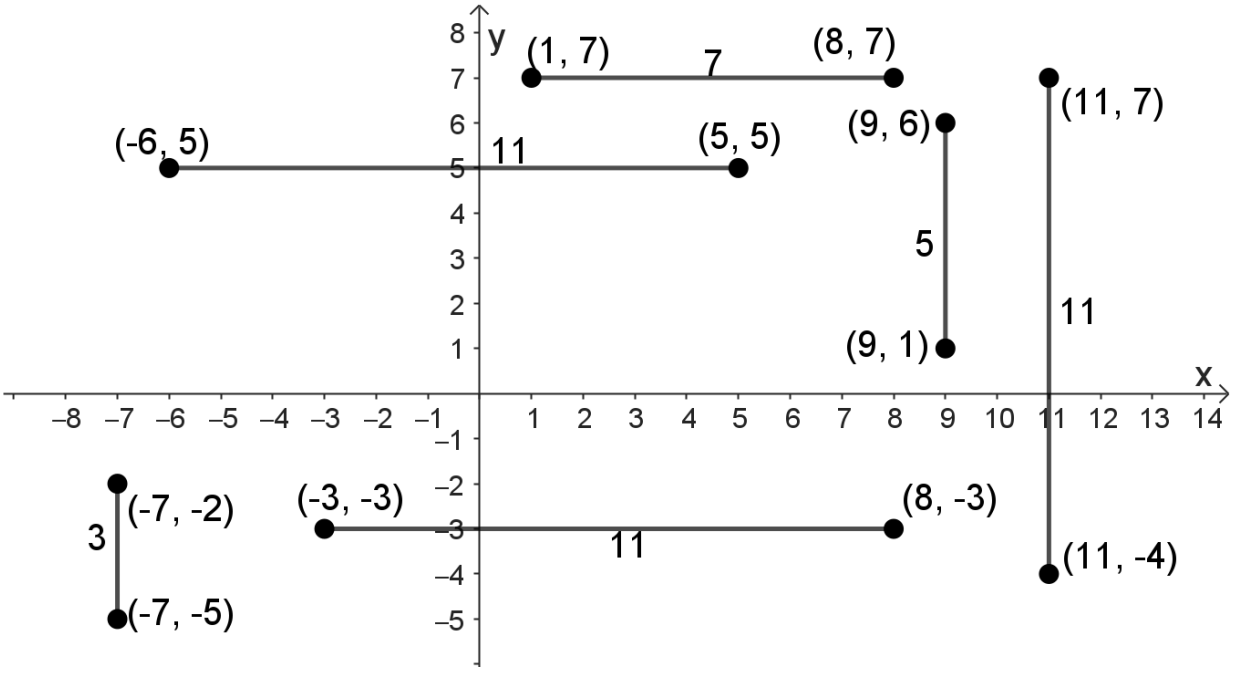
Which sequence? Circles show a graph of the number sequence: A B C or D?

Calculate the length of these line segments:



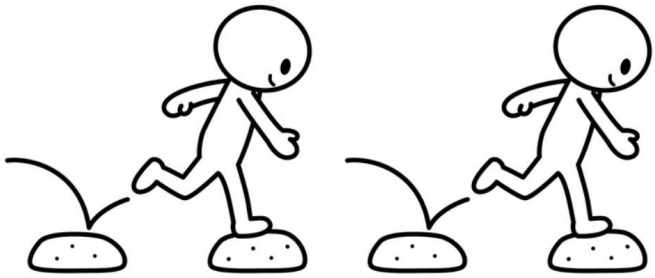
Numeracy 1 Answers

SKIP COUNT IN:	A. 3	B. 7	C. -4	D. 0.25
0	2	1	60	3
1	5	8	56	3.25
2	8	15	52	3.5
3	11	22	48	3.75
4	14	29	44	4
5	17	36	40	4.25
6	20	43	36	4.5
7	23	50	32	4.75
8	26	57	28	5
9	29	64	24	5.25
10	32	71	20	5.5
12	35	78	16	5.75

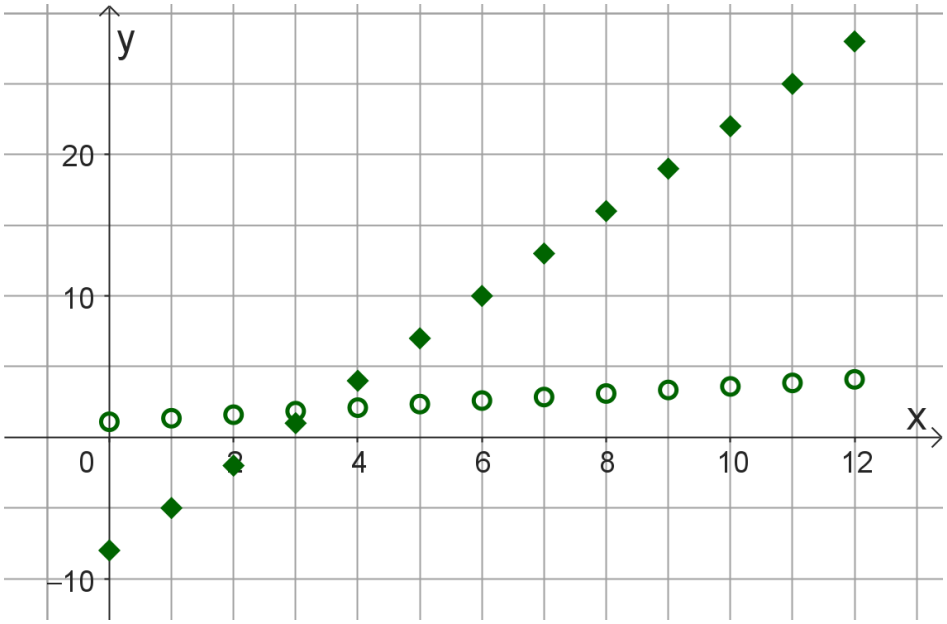


Skip Counting! Use the number at the top of the column to skip count.

2.SKIP COUNT IN:	**A. 3**	**B. 7**	**C. -4**	**D. 0.25**
0	-8	-20	30	1.1
1				
2				
3	1			1.85
4				
5				
6				
7				2.85
8				
9				
10				
12	25	57	-14	3.85



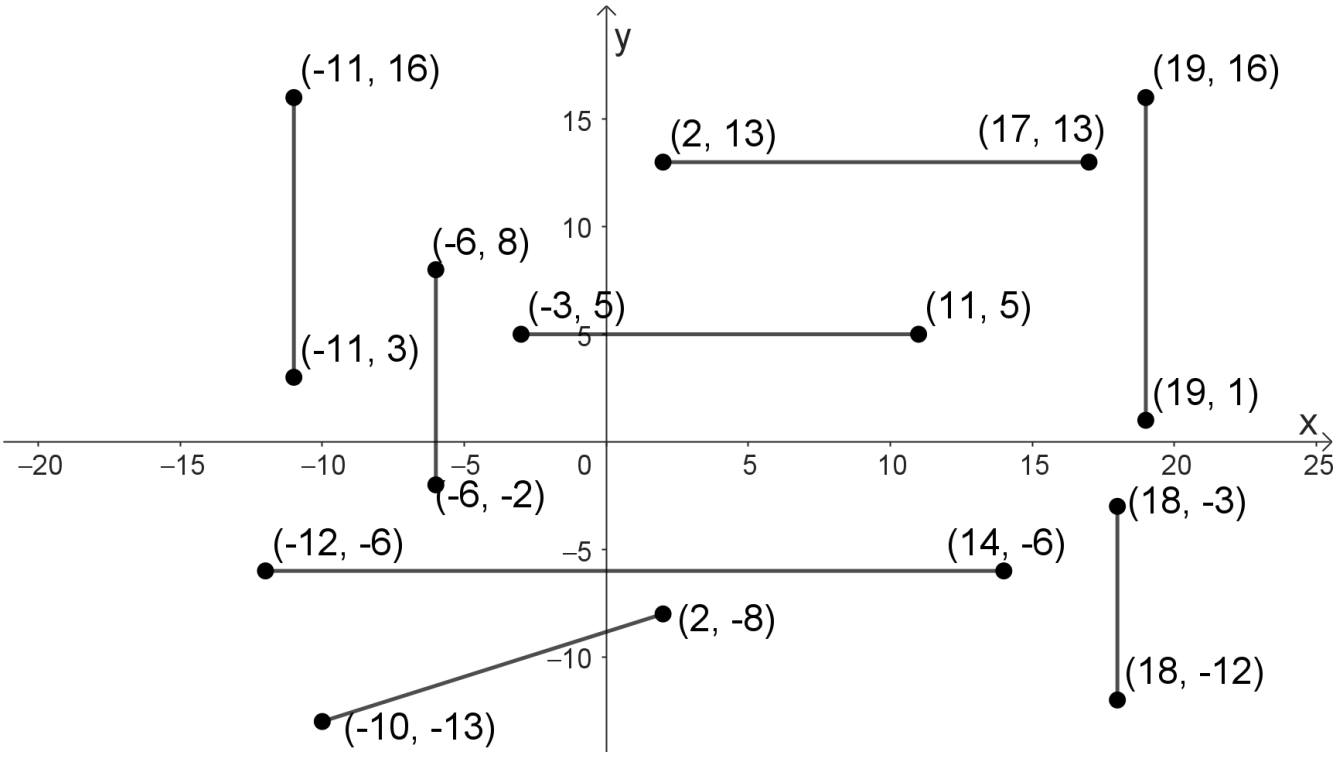
This graph shows two of the number sequences on the first page.



Diamonds show a graph of the number sequence: A B C D

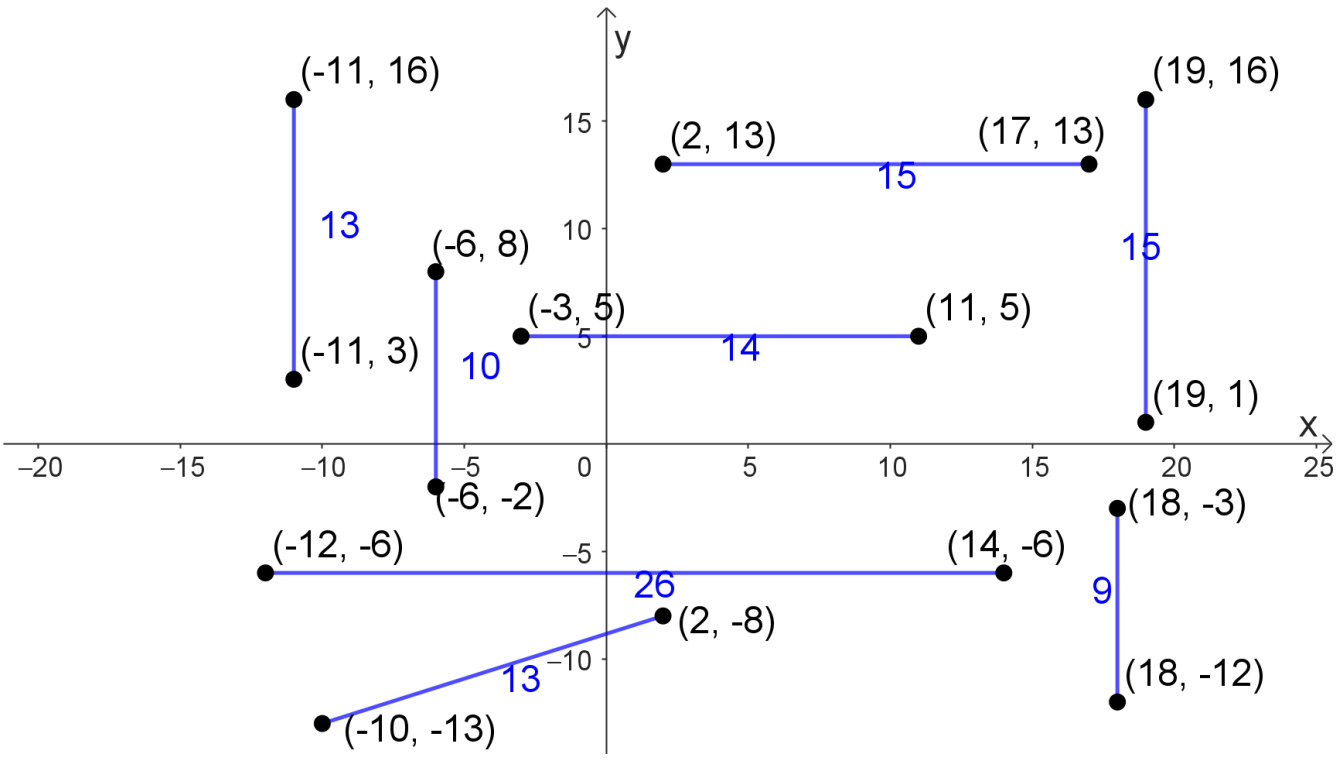
Circles show a graph of the number sequence: A B C D

Calculate the length of these line segments:



Numeracy 2 answers.

2.SKIP COUNT IN:	A.	B.	C.	D.
0	-8	-20	30	1.1
1	-5	-13	26	1.35
2	-2	-6	22	1.6
3	1	1	18	1.85
4	4	8	14	2.1
5	7	15	10	2.35
6	10	22	6	2.6
7	13	29	2	2.85
8	16	36	-2	3.1
9	19	43	-6	3.35
10	22	50	-10	3.6
12	25	57	-14	3.85

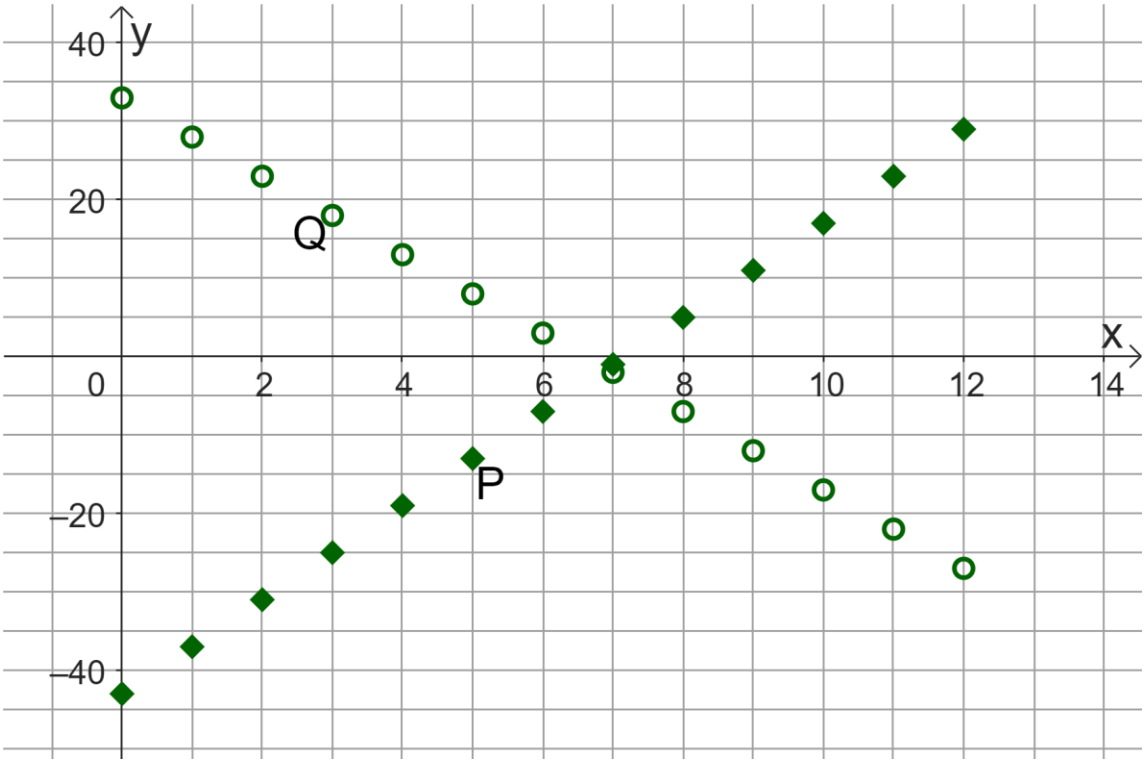


Skip Counting! Use the number at the top of the column to skip count from the value in the line ‘0’ to the value in the line ‘12’.

SKIP Value	A: 6	B: -5	C: 11	D: -0.25
0	-43	33	30	12.2
1				
2				
3	-25			11.45
4				
5				
6				
7				10.45
8				
9				
10				
11	23	-22	151	9.45



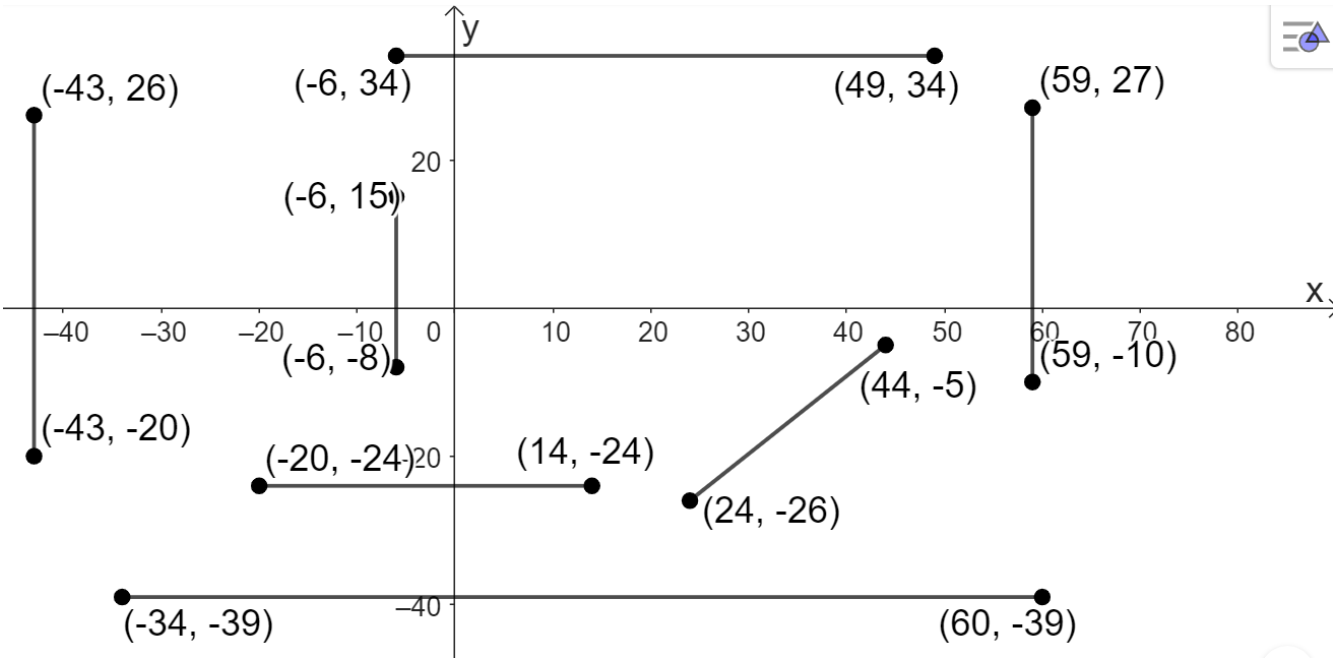
This graph shows two of the number sequences on the first page.



Diamonds show which number sequence: A B C D? Coordinates of the point P = (,)

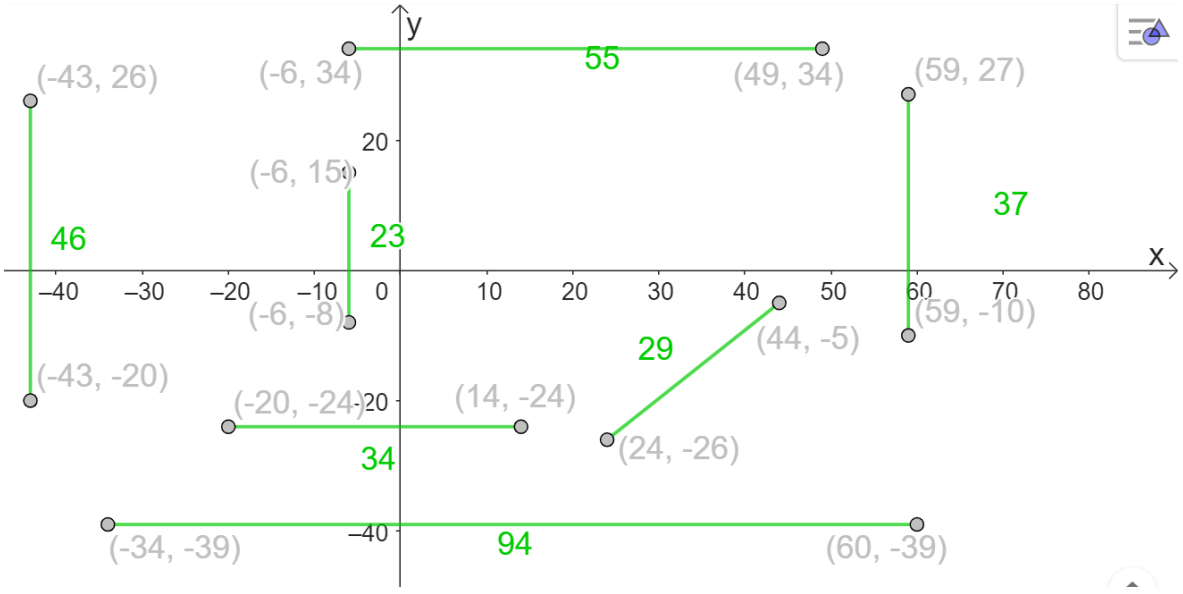
Circles show which number sequence: A B C D? Coordinates of the point Q = (,)

Calculate the length of these line segments:



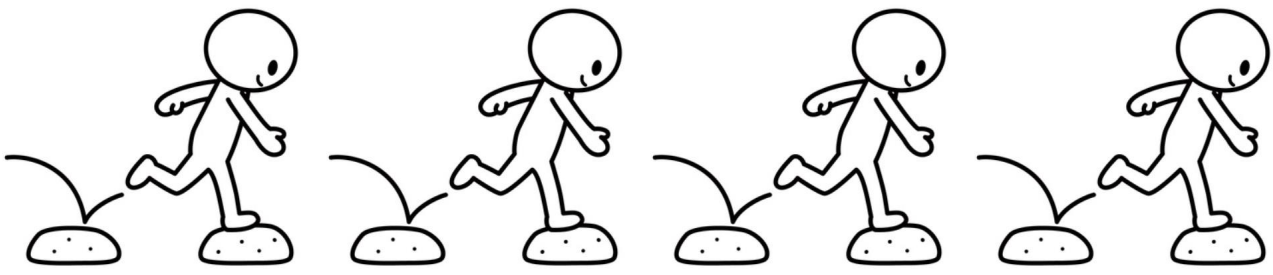
Numeracy 3 Answers

SKIP COUNT	6	-5	11	-0.25
0	-43	33	30	12.2
1	-37	28	41	11.95
2	-31	23	52	11.7
3	-25	18	63	11.45
4	-19	13	74	11.2
5	-13	8	85	10.95
6	-7	3	96	10.7
7	-1	-2	107	10.45
8	5	-7	118	10.2
9	11	-12	129	9.95
10	17	-17	140	9.7
11	23	-22	151	9.45

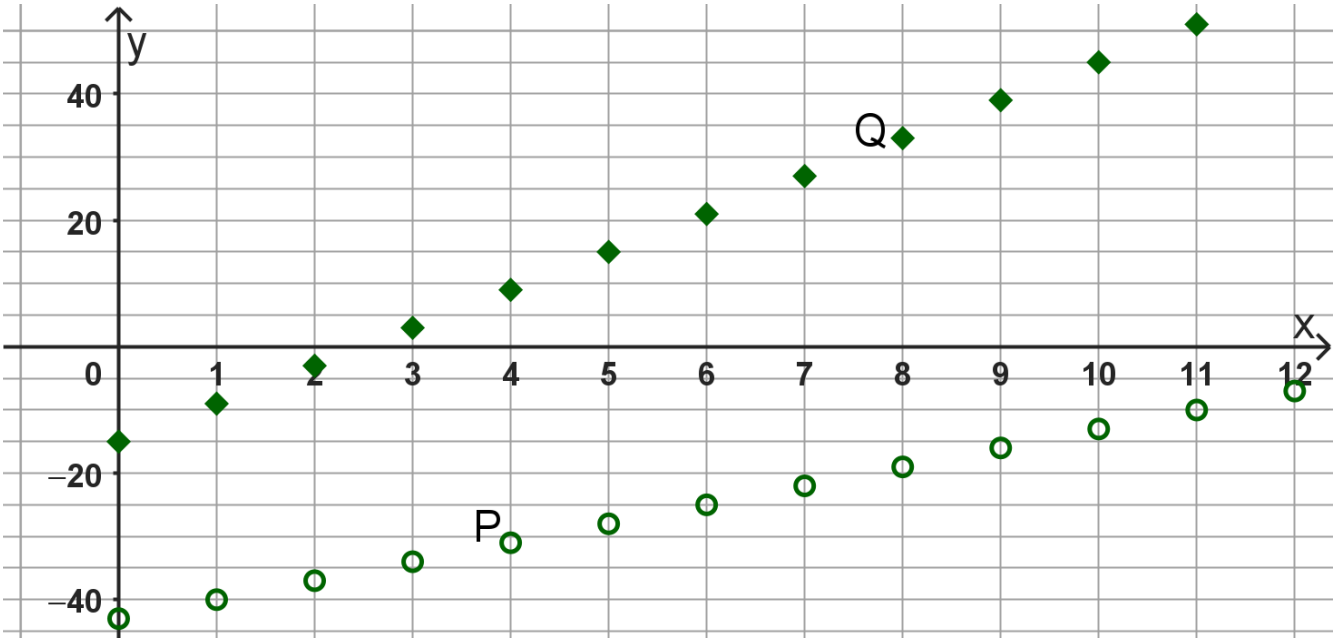


Skip Counting! Use(or calculate) number at the top of the column to skip count from the value in the line ‘0’ to the value in the line ‘11’.

SKIP Value	**A:**	**B: -7**	**C:**	**D: 0.4**
0		33		12.2
1				
2	-37		-3	
3	-34			
4			9	
5		-2		
6			21	
7				
8			33	
9				
10				
11	-10	-44		16.6



This graph shows two of the number sequences on the first page.

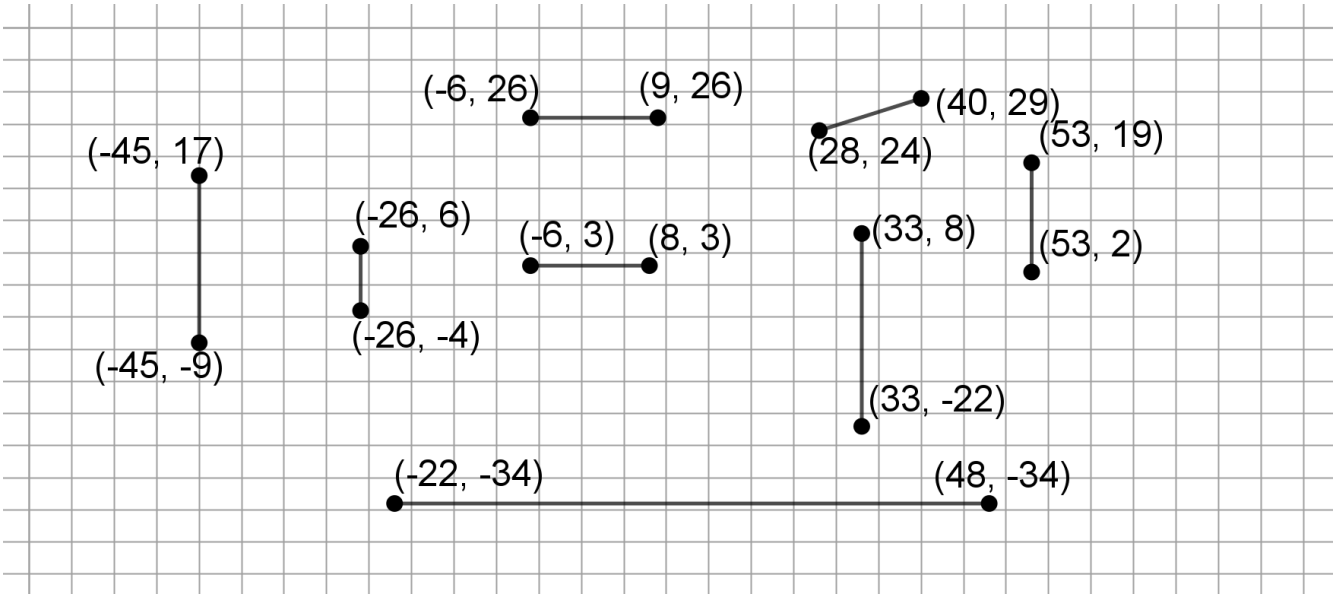


Diamonds show which number sequence: A B C D? Coordinates of the point Q = (,)

Circles show which number sequence: A B C D? Coordinates of the point P = (,)

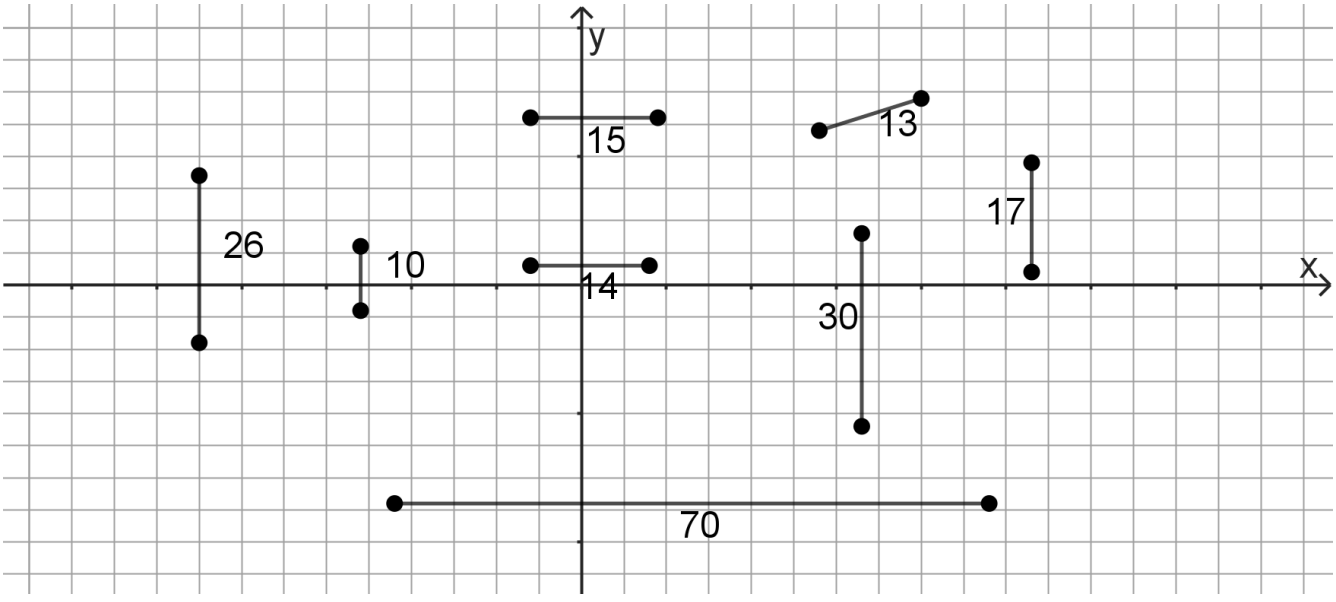
On each coordinate pair, colour the coordinate that remains constant through the line segment. If the x is constant, use one colour. If the y is constant, use a second colour.

Calculate the length of each line segment. Draw the x and the y axes in the correct position.



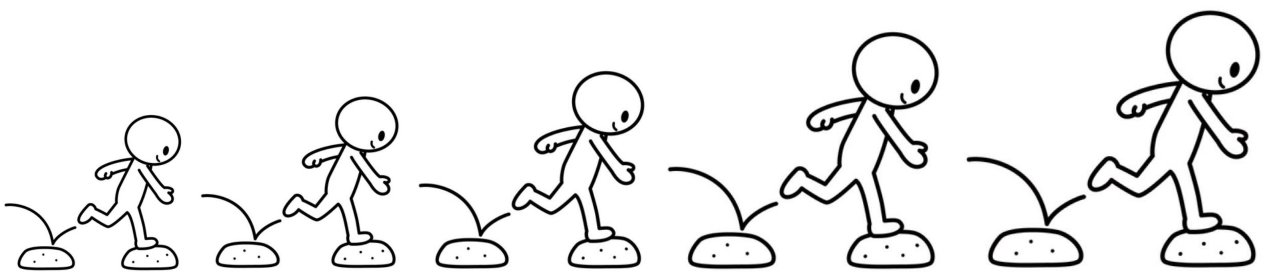
Numeracy 4 Answers

SKIP COUNT	3	-7	6	0.4
0	-43	33	-15	12.2
1	-40	26	-9	12.6
2	-37	19	-3	13
3	-34	12	3	13.4
4	-31	5	9	13.8
5	-28	-2	15	14.2
6	-25	-9	21	14.6
7	-22	-16	27	15
8	-19	-23	33	15.4
9	-16	-30	39	15.8
10	-13	-37	45	16.2
11	-10	-44	51	16.6

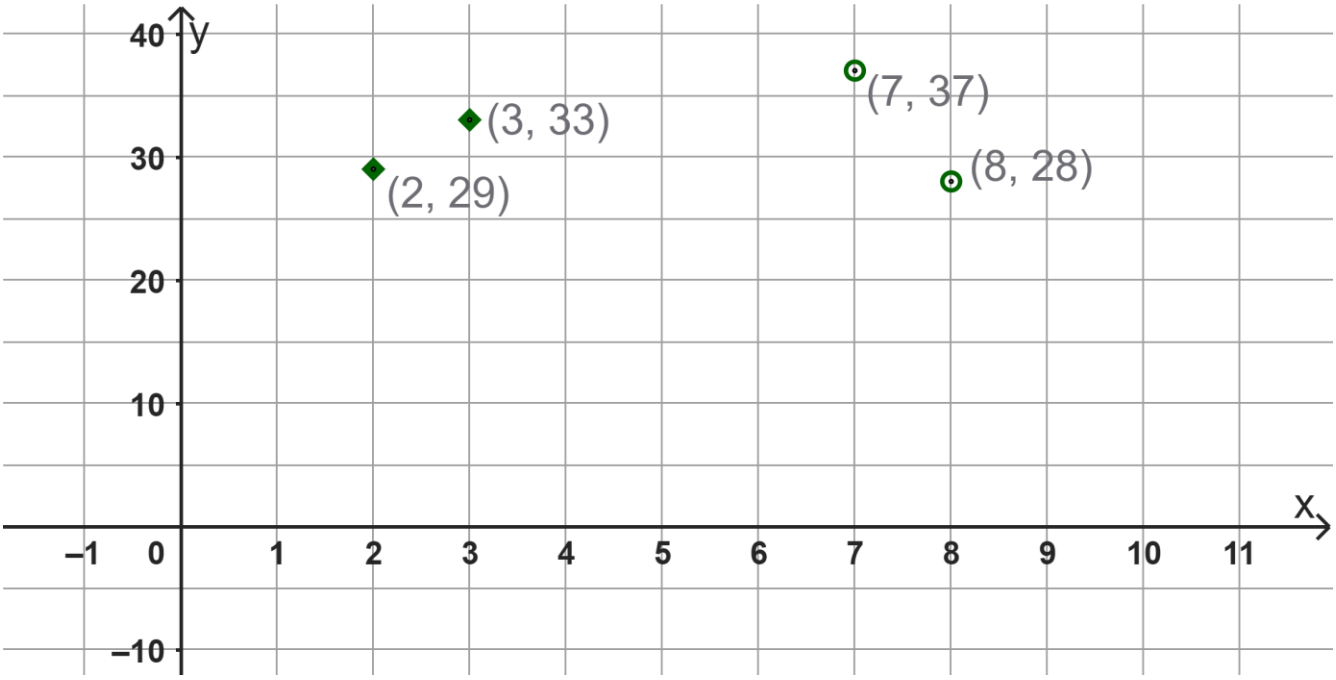


Skip Counting! Use the number at the top of the column to skip count from the value in the line ‘0’ to the value in the line ‘11’. If the number at the top is absent, use the information given to figure it out.

SKIP Value	A:	B:	C:	D: 0.75
0	-7	21		10
1	-4			
2			82	
3				
4				
5				
6				
7				
8			28	
9				
10				
11	26	65		18.25



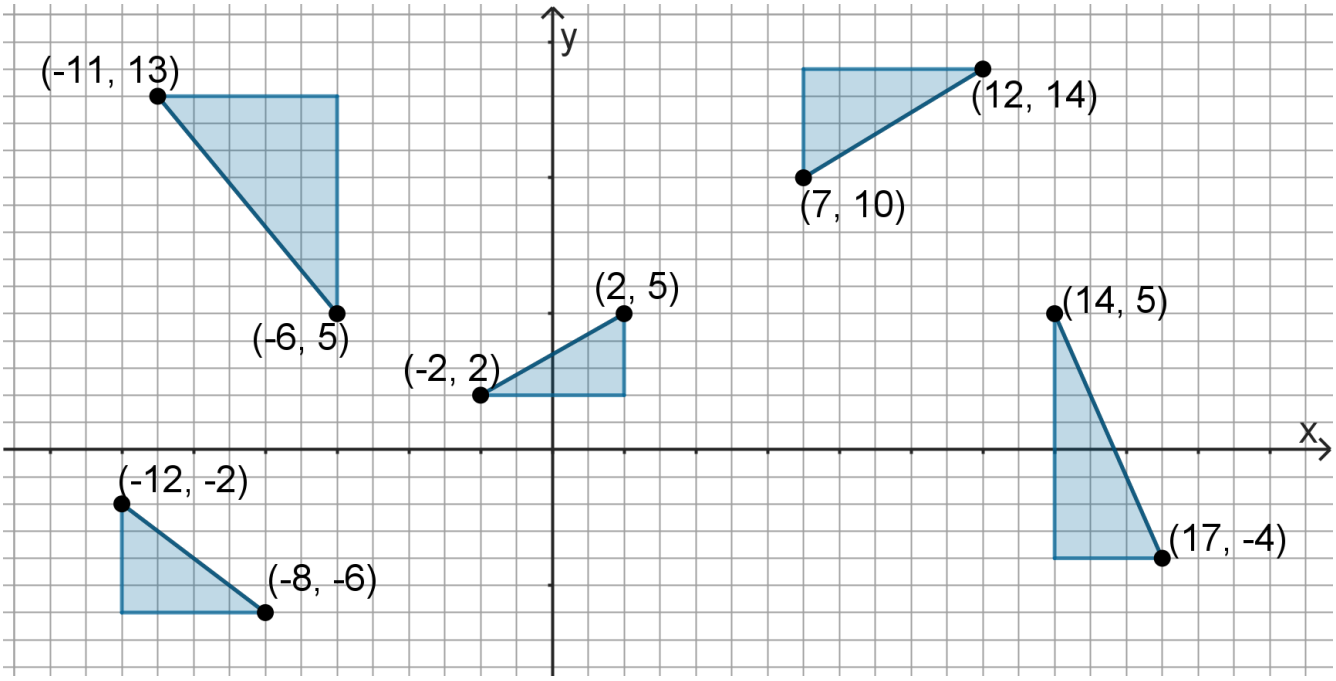
This graph shows two values from two of the number sequences on the first page.



Diamonds show two points from which number sequence: A B C D?

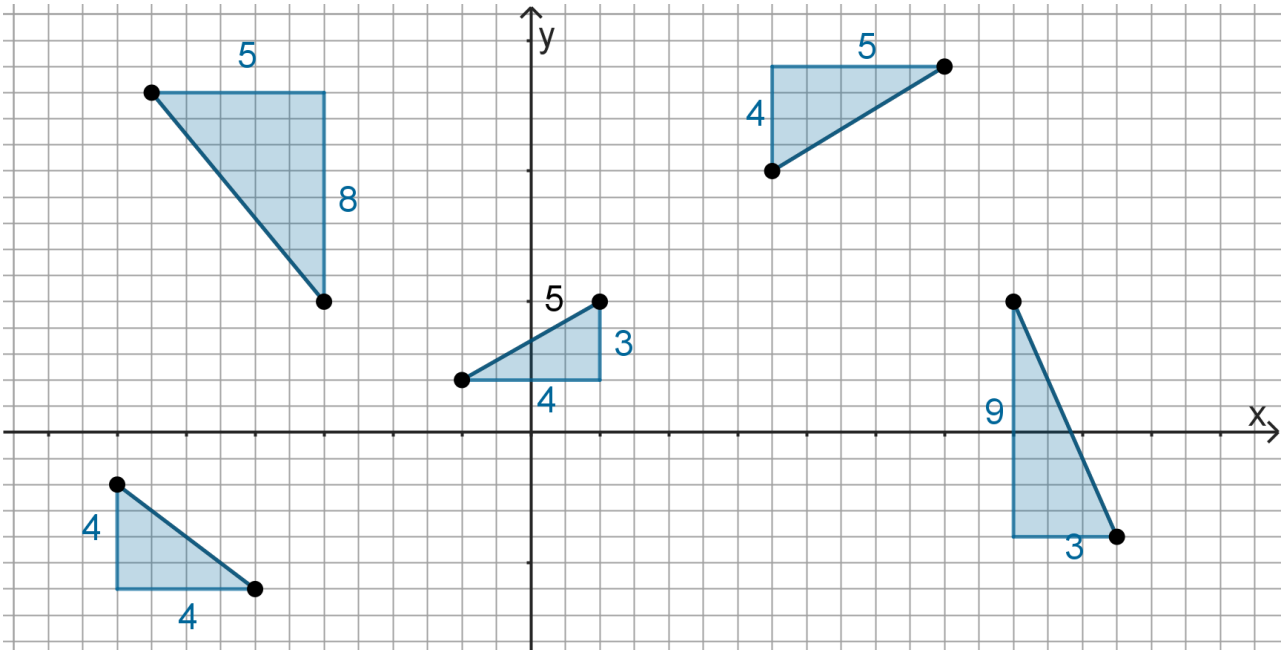
Circles show two points from which number sequence: A B C D?

Calculate the length of the horizontal and the vertical components of each triangle. You don't need to calculate the length of the hypotenuse (unless you spot a Pythagorean Triplet).



Numeracy 5 Answers

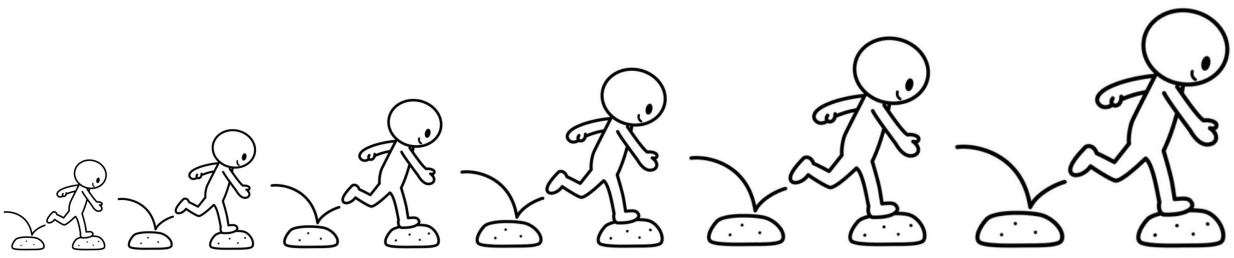
SKIP COUNT	3	4	-9	0.75
0	-7	21	100	10
1	-4	25	91	10.75
2	-1	29	82	11.5
3	2	33	73	12.25
4	5	37	64	13
5	8	41	55	13.75
6	11	45	46	14.5
7	14	49	37	15.25
8	17	53	28	16
9	20	57	19	16.75
10	23	61	10	17.5
11	26	65	1	18.25



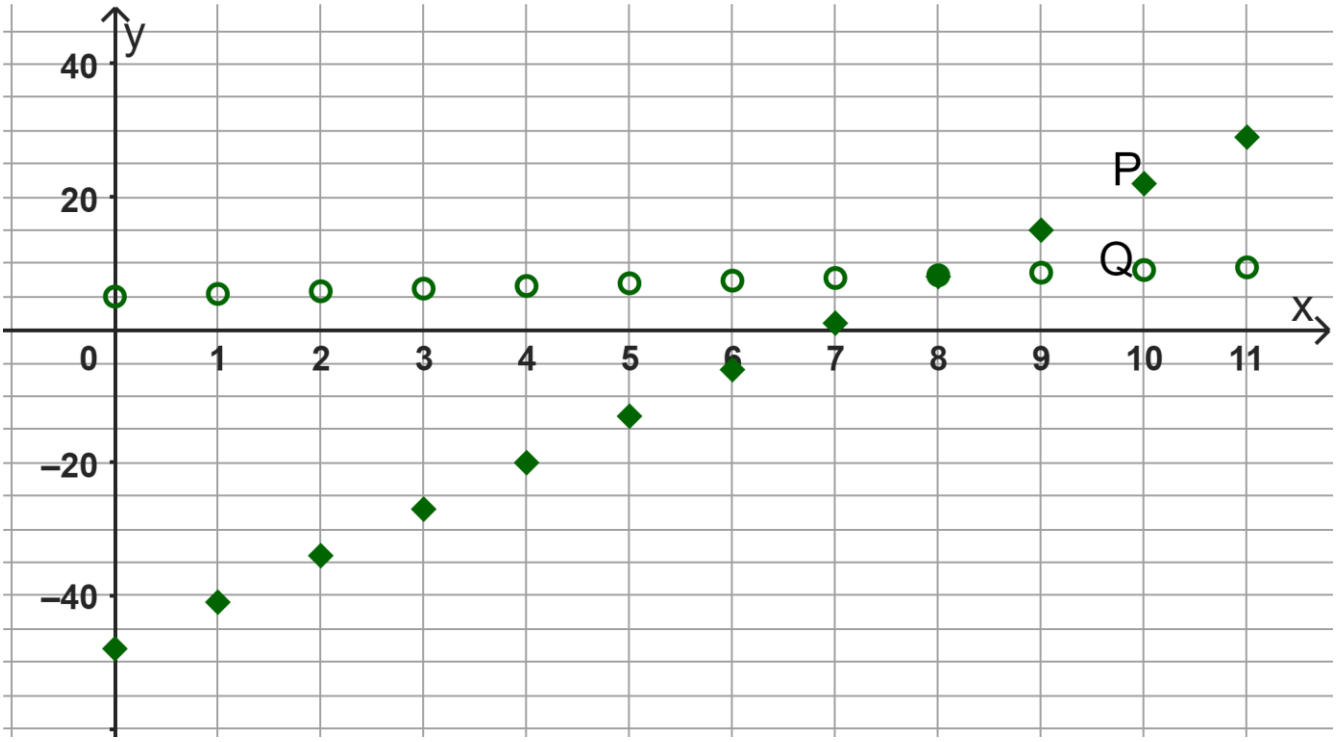
Grade 9 Core Unit 5 Numeracy 6 Quiz A (max P)

1. Skip Counting! Use the number at the top of the column to skip count from the value in the line '0' to the value in the line '11'. If the number at the top is absent, use the information given to figure it out.

SKIP Value	**A:**	**B:**	**C:**	**D: 0.4**
0	-48	50		5
1	-41			
2			-5	
3				
4			13	
5				
6			31	
7				
8			49	
9				
10				
11	29	17		9.4



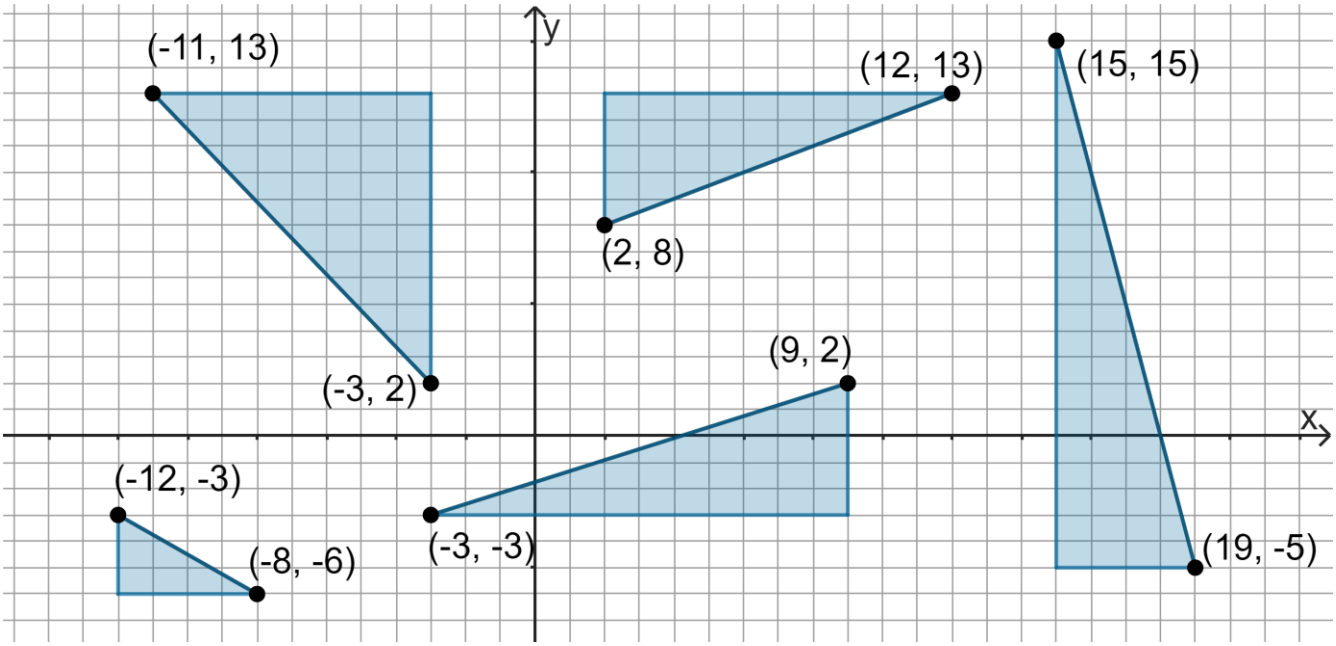
2. This graph shows two of the number sequences on the first page.



Diamonds show which number sequence: A B C D? Coordinates of the point P = (,)

Circles show which number sequence: A B C D? Coordinates of the point Q = (,)

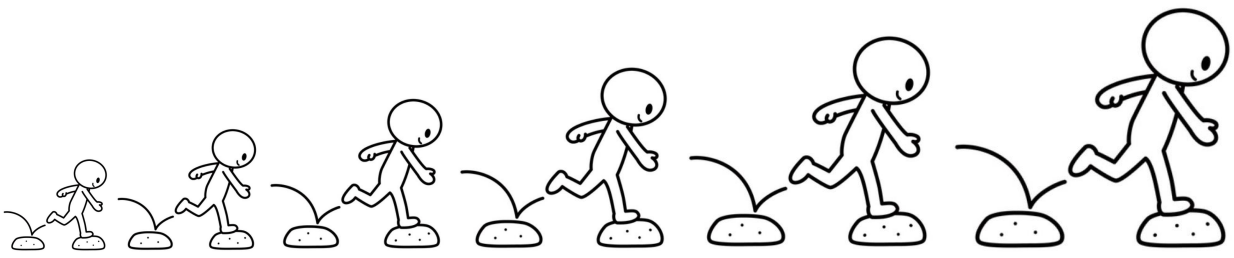
3 Calculate the length of the vertical and the horizontal components of each triangle. (The rise and the run).



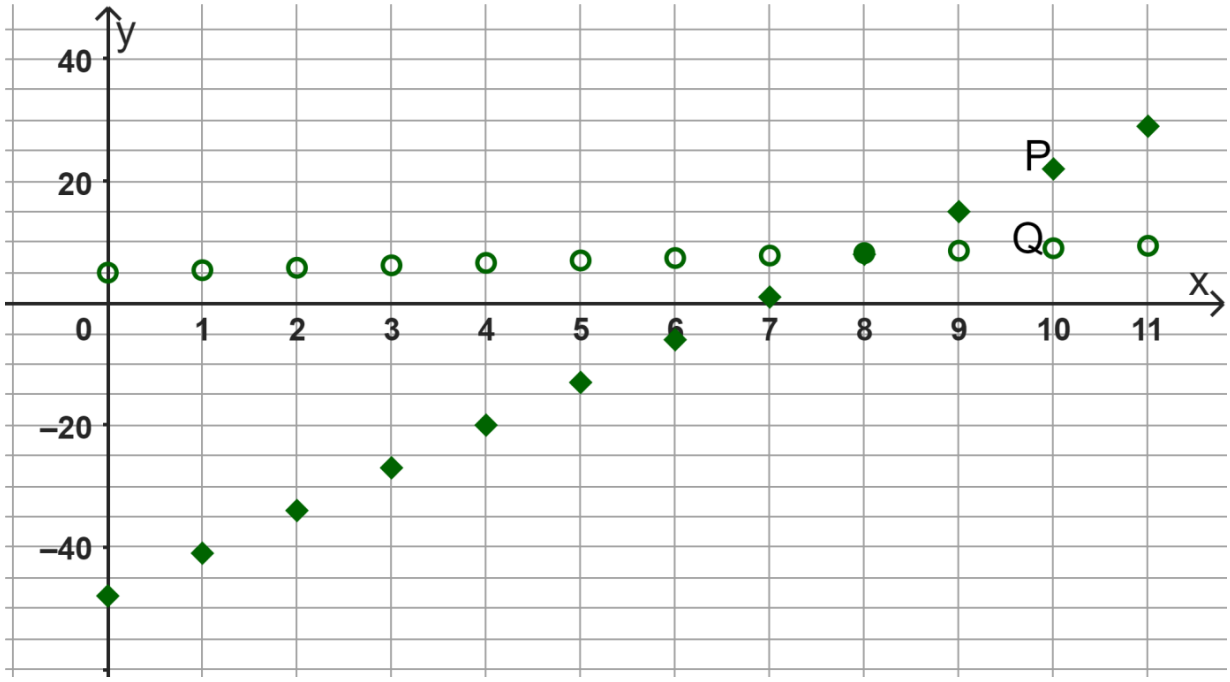
Grade 9 Core Unit 5 Numeracy 6 QUIZ B (max eXt)

1. Skip Counting! Use the number at the top of the column to skip count from the value in the line '0' to the value in the line '11'. If the number at the top is absent, use the information given to figure it out.

SKIP Value	**A:**	**B:**	**C:**	**D:**
0	-48	50		5
1	-41			
2			-5	
3				
4				
5				
6				
7				
8			49	
9				
10				
11	29	17		9.4



2. This graph shows two of the number sequences on the first page.

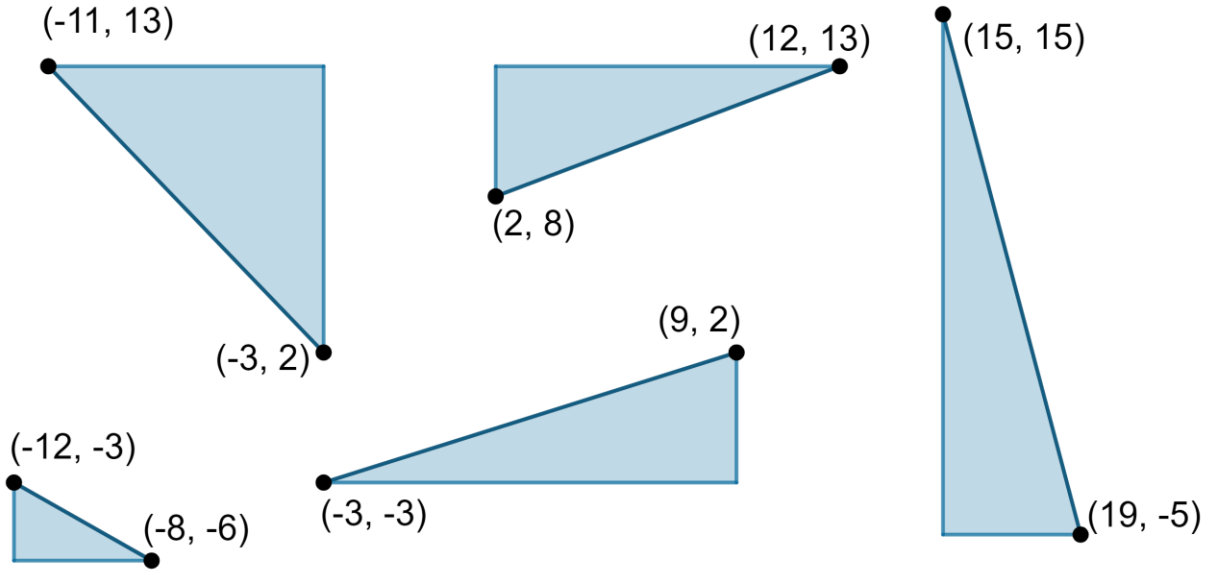


Diamonds show which number sequence: A B C D? Coordinates of the point P = (,)

Circles show which number sequence: A B C D? Coordinates of the point Q = (,)

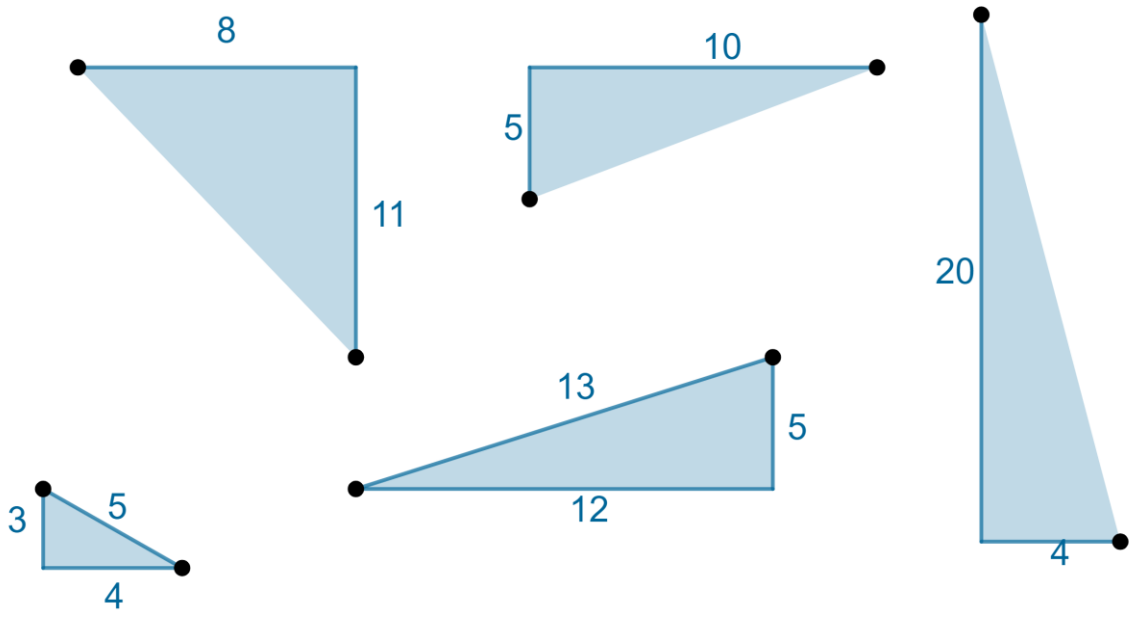
3 Calculate the length of the vertical and the horizontal components of each triangle. Calculate the length of the diagonal. If the answer is a perfect square, evaluate it. If not, write it as a $\sqrt{\ }$.

Where do you think the x and y axis should be on the diagram? Draw them using a ruler.



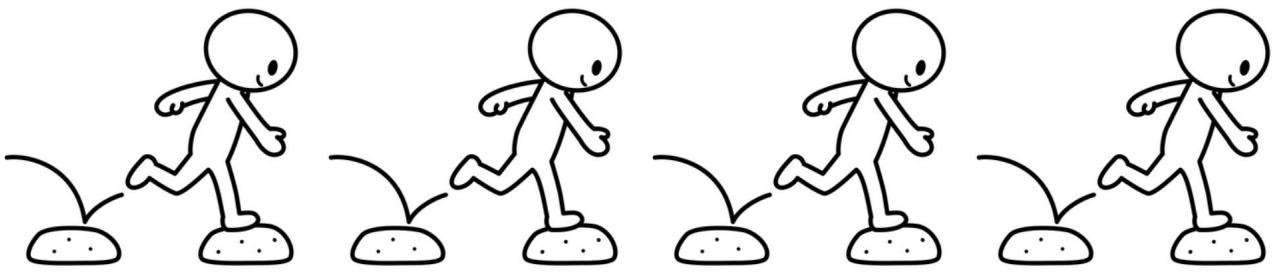
Numeracy 6 Answers

SKIP COUNT	**7**	**-3**	**9**	**0.4**
0	-48	50	-23	5
1	-41	47	-14	5.4
2	-34	44	-5	5.8
3	-27	41	4	6.2
4	-20	38	13	6.6
5	-13	35	22	7
6	-6	32	31	7.4
7	1	29	40	7.8
8	8	26	49	8.2
9	15	23	58	8.6
10	22	20	67	9
11	29	17	76	9.4



Skip Counting! Use the number at the top of the column to skip count from the value in the line ‘0’ to the value in the line ‘12’.

SKIP Value
0
1
2
3
4
5
6
7
8
9
10
11



This graph shows two of the number sequences on the first page.

Diamonds show which number sequence: A B C D? Coordinates of the point P = (,)

Circles show which number sequence: A B C D? Coordinates of the point Q = (,)

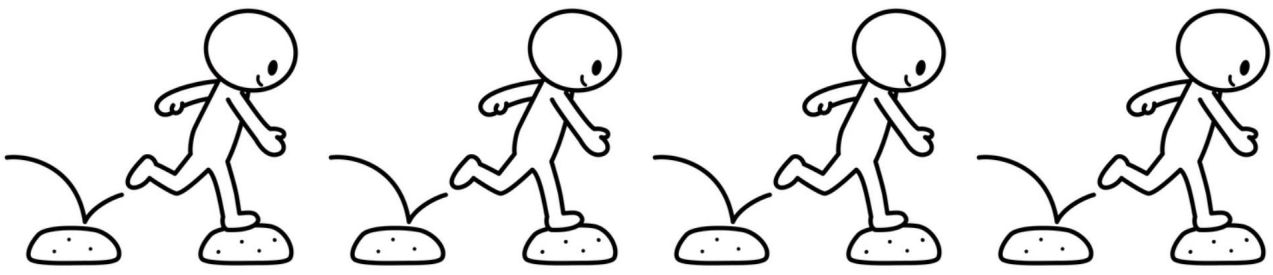
Calculate the length of these line segments:

Numeracy 7 Answers

SKIP COUNT
0
1
2
3
4
5
6
7
8
9
10
11

Skip Counting! Use the number at the top of the column to skip count from the value in the line ‘0’ to the value in the line ‘12’.

SKIP Value
0
1
2
3
4
5
6
7
8
9
10
11



This graph shows two of the number sequences on the first page.

Diamonds show which number sequence: A B C D? Coordinates of the point P = (,)

Circles show which number sequence: A B C D? Coordinates of the point Q = (,)

Calculate the length of these line segments:

Numeracy 8 Answers

SKIP COUNT
0
1
2
3
4
5
6
7
8
9
10
11

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