



Calculate the difference in Rate of Change between Set A and Set B.

Answers

1)

Set A	x	0	2	3	5
	y	0	-10	-15	-25
Set B	x	0	2	4	7
	y	0	-21	-42	-73.5

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

2)

Set A	x	0	2	7	10
	y	0	-9	-31.5	-45
Set B	x	0	3	4	9
	y	0	16.5	22	49.5

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

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

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

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

6. \_\_\_\_\_

3)

Set A	x	0	5	6	10
	y	0	-10	-12	-20
Set B	x	0	4	5	9
	y	0	34	42.5	76.5

4)

Set A	x	0	4	5	7
	y	0	12	15	21
Set B	x	0	6	7	8
	y	0	54	63	72

5)

Set A	x	0	3	5	6
	y	0	7.5	12.5	15
Set B	x	0	3	5	9
	y	0	22.5	37.5	67.5

6)

Set A	x	0	7	8	10
	y	0	28	32	40
Set B	x	0	6	8	9
	y	0	39	52	58.5



Calculate the difference in Rate of Change between Set A and Set B.

Answers

1)

Set A	x	0	2	3	5	$y = -5x$
	y	0	-10	-15	-25	
Set B	x	0	2	4	7	$y = -10.5x$
	y	0	-21	-42	-73.5	

1. 5.5

2)

Set A	x	0	2	7	10	$y = -4.5x$
	y	0	-9	-31.5	-45	
Set B	x	0	3	4	9	$y = 5.5x$
	y	0	16.5	22	49.5	

2. 10

3. 10.5

4. 6

5. 5

6. 2.5

3)

Set A	x	0	5	6	10	$y = -2x$
	y	0	-10	-12	-20	
Set B	x	0	4	5	9	$y = 8.5x$
	y	0	34	42.5	76.5	

4)

Set A	x	0	4	5	7	$y = 3x$
	y	0	12	15	21	
Set B	x	0	6	7	8	$y = 9x$
	y	0	54	63	72	

5)

Set A	x	0	3	5	6	$y = 2.5x$
	y	0	7.5	12.5	15	
Set B	x	0	3	5	9	$y = 7.5x$
	y	0	22.5	37.5	67.5	

6)

Set A	x	0	7	8	10	$y = 4x$
	y	0	28	32	40	
Set B	x	0	6	8	9	$y = 6.5x$
	y	0	39	52	58.5	