



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

Answers

1)

Set A	x	0	4	5	10
	y	0	26	32.5	65
Set B	x	0	2	5	8
	y	0	14	35	56

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

2)

Set A	x	0	5	8	10
	y	0	35	56	70
Set B	x	0	6	9	10
	y	0	60	90	100

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

3)

Set A	x	0	2	6	9
	y	0	4	12	18
Set B	x	0	3	4	9
	y	0	25.5	34	76.5

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

4)

Set A	x	0	5	7	9
	y	0	10	14	18
Set B	x	0	3	4	10
	y	0	-12	-16	-40

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

5)

Set A	x	0	4	8	10
	y	0	16	32	40
Set B	x	0	5	7	9
	y	0	42.5	59.5	76.5

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

6)

Set A	x	0	4	7	9
	y	0	-10	-17.5	-22.5
Set B	x	0	2	3	7
	y	0	7	10.5	24.5

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



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

Answers

1)

Set A	x	0	4	5	10	$y=6.5x$
	y	0	26	32.5	65	
Set B	x	0	2	5	8	$y=7x$
	y	0	14	35	56	

1. 0.5

2)

Set A	x	0	5	8	10	$y=7x$
	y	0	35	56	70	
Set B	x	0	6	9	10	$y=10x$
	y	0	60	90	100	

2. 33. 6.54. 65. 4.56. 6

3)

Set A	x	0	2	6	9	$y=2x$
	y	0	4	12	18	
Set B	x	0	3	4	9	$y=8.5x$
	y	0	25.5	34	76.5	

4)

Set A	x	0	5	7	9	$y=2x$
	y	0	10	14	18	
Set B	x	0	3	4	10	$y=-4x$
	y	0	-12	-16	-40	

5)

Set A	x	0	4	8	10	$y=4x$
	y	0	16	32	40	
Set B	x	0	5	7	9	$y=8.5x$
	y	0	42.5	59.5	76.5	

6)

Set A	x	0	4	7	9	$y=-2.5x$
	y	0	-10	-17.5	-22.5	
Set B	x	0	2	3	7	$y=3.5x$
	y	0	7	10.5	24.5	