



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

Answers

1)

Set A	x	0	2	4	8
	y	0	14	28	56
Set B	x	0	2	5	10
	y	0	21	52.5	105

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

2)

Set A	x	0	2	3	9
	y	0	6	9	27
Set B	x	0	2	5	9
	y	0	8	20	36

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

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

3)

Set A	x	0	3	4	7
	y	0	9	12	21
Set B	x	0	3	5	6
	y	0	21	35	42

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

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

4)

Set A	x	0	6	8	9
	y	0	36	48	54
Set B	x	0	6	7	8
	y	0	42	49	56

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

5)

Set A	x	0	6	7	10
	y	0	24	28	40
Set B	x	0	5	7	8
	y	0	35	49	56

6)

Set A	x	0	2	4	9
	y	0	-8	-16	-36
Set B	x	0	5	7	10
	y	0	-45	-63	-90



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

Answers

1)

Set A	x	0	2	4	8	$y=7x$
	y	0	14	28	56	
Set B	x	0	2	5	10	$y=10.5x$
	y	0	21	52.5	105	

1. 3.5

2)

Set A	x	0	2	3	9	$y=3x$
	y	0	6	9	27	
Set B	x	0	2	5	9	$y=4x$
	y	0	8	20	36	

2. 13. 44. 15. 36. 5

3)

Set A	x	0	3	4	7	$y=3x$
	y	0	9	12	21	
Set B	x	0	3	5	6	$y=7x$
	y	0	21	35	42	

4)

Set A	x	0	6	8	9	$y=6x$
	y	0	36	48	54	
Set B	x	0	6	7	8	$y=7x$
	y	0	42	49	56	

5)

Set A	x	0	6	7	10	$y=4x$
	y	0	24	28	40	
Set B	x	0	5	7	8	$y=7x$
	y	0	35	49	56	

6)

Set A	x	0	2	4	9	$y=-4x$
	y	0	-8	-16	-36	
Set B	x	0	5	7	10	$y=-9x$
	y	0	-45	-63	-90	