



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

Answers

1)

Set A	x	0	3	4	9
	y	0	27	36	81
Set B	x	0	5	7	10
	y	0	52.5	73.5	105

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

2)

Set A	x	0	3	7	10
	y	0	-16.5	-38.5	-55
Set B	x	0	5	6	7
	y	0	47.5	57	66.5

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

3)

Set A	x	0	2	5	10
	y	0	5	12.5	25
Set B	x	0	5	6	7
	y	0	25	30	35

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

4)

Set A	x	0	2	4	5
	y	0	8	16	20
Set B	x	0	2	4	6
	y	0	17	34	51

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

5)

Set A	x	0	6	8	10
	y	0	57	76	95
Set B	x	0	5	6	8
	y	0	-50	-60	-80

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

6)

Set A	x	0	2	4	5
	y	0	4	8	10
Set B	x	0	8	9	10
	y	0	24	27	30

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



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

Answers

1)

Set A	x	0	3	4	9	$y=9x$
	y	0	27	36	81	
Set B	x	0	5	7	10	$y=10.5x$
	y	0	52.5	73.5	105	

1. 1.5

2)

Set A	x	0	3	7	10	$y=-5.5x$
	y	0	-16.5	-38.5	-55	
Set B	x	0	5	6	7	$y=9.5x$
	y	0	47.5	57	66.5	

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3)

Set A	x	0	2	5	10	$y=2.5x$
	y	0	5	12.5	25	
Set B	x	0	5	6	7	$y=5x$
	y	0	25	30	35	

4)

Set A	x	0	2	4	5	$y=4x$
	y	0	8	16	20	
Set B	x	0	2	4	6	$y=8.5x$
	y	0	17	34	51	

5)

Set A	x	0	6	8	10	$y=9.5x$
	y	0	57	76	95	
Set B	x	0	5	6	8	$y=-10x$
	y	0	-50	-60	-80	

6)

Set A	x	0	2	4	5	$y=2x$
	y	0	4	8	10	
Set B	x	0	8	9	10	$y=3x$
	y	0	24	27	30	