



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

Answers

1)

Set A	x	0	6	7	9
	y	0	-18	-21	-27
Set B	x	0	2	4	9
	y	0	18	36	81

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

2)

Set A	x	0	2	6	10
	y	0	5	15	25
Set B	x	0	3	4	7
	y	0	19.5	26	45.5

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

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

3)

Set A	x	0	4	5	6
	y	0	18	22.5	27
Set B	x	0	2	5	9
	y	0	18	45	81

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

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

4)

Set A	x	0	4	5	8
	y	0	20	25	40
Set B	x	0	2	3	4
	y	0	13	19.5	26

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

5)

Set A	x	0	2	3	8
	y	0	15	22.5	60
Set B	x	0	4	7	9
	y	0	36	63	81

6)

Set A	x	0	2	3	9
	y	0	13	19.5	58.5
Set B	x	0	5	7	9
	y	0	50	70	90



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

Answers

1)

Set A	x	0	6	7	9	$y = -3x$
	y	0	-18	-21	-27	
Set B	x	0	2	4	9	$y = 9x$
	y	0	18	36	81	

1. 12

2)

Set A	x	0	2	6	10	$y = 2.5x$
	y	0	5	15	25	
Set B	x	0	3	4	7	$y = 6.5x$
	y	0	19.5	26	45.5	

2. 4

3. 4.5

4. 1.5

5. 1.5

6. 3.5

3)

Set A	x	0	4	5	6	$y = 4.5x$
	y	0	18	22.5	27	
Set B	x	0	2	5	9	$y = 9x$
	y	0	18	45	81	

4)

Set A	x	0	4	5	8	$y = 5x$
	y	0	20	25	40	
Set B	x	0	2	3	4	$y = 6.5x$
	y	0	13	19.5	26	

5)

Set A	x	0	2	3	8	$y = 7.5x$
	y	0	15	22.5	60	
Set B	x	0	4	7	9	$y = 9x$
	y	0	36	63	81	

6)

Set A	x	0	2	3	9	$y = 6.5x$
	y	0	13	19.5	58.5	
Set B	x	0	5	7	9	$y = 10x$
	y	0	50	70	90	