



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

Answers

1)

Set A	x	0	2	8	10
	y	0	13	52	65
Set B	x	0	3	8	9
	y	0	25.5	68	76.5

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

2)

Set A	x	0	3	5	10
	y	0	-19.5	-32.5	-65
Set B	x	0	2	5	6
	y	0	16	40	48

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

3)

Set A	x	0	7	9	10
	y	0	14	18	20
Set B	x	0	2	5	8
	y	0	10	25	40

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

4)

Set A	x	0	2	6	7
	y	0	17	51	59.5
Set B	x	0	4	6	9
	y	0	42	63	94.5

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

5)

Set A	x	0	3	5	10
	y	0	6	10	20
Set B	x	0	4	7	10
	y	0	-34	-59.5	-85

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

6)

Set A	x	0	5	6	10
	y	0	47.5	57	95
Set B	x	0	3	7	10
	y	0	31.5	73.5	105

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



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

Answers

1) 

Set A	x	0	2	8	10
	y	0	13	52	65

 $y=6.5x$   

Set B	x	0	3	8	9
	y	0	25.5	68	76.5

 $y=8.5x$

1. 2

2) 

Set A	x	0	3	5	10
	y	0	-19.5	-32.5	-65

 $y=-6.5x$   

Set B	x	0	2	5	6
	y	0	16	40	48

 $y=8x$

2. 14.5

3. 3

4. 2

5. 10.5

6. 1

3) 

Set A	x	0	7	9	10
	y	0	14	18	20

 $y=2x$   

Set B	x	0	2	5	8
	y	0	10	25	40

 $y=5x$

4) 

Set A	x	0	2	6	7
	y	0	17	51	59.5

 $y=8.5x$   

Set B	x	0	4	6	9
	y	0	42	63	94.5

 $y=10.5x$

5) 

Set A	x	0	3	5	10
	y	0	6	10	20

 $y=2x$   

Set B	x	0	4	7	10
	y	0	-34	-59.5	-85

 $y=-8.5x$

6) 

Set A	x	0	5	6	10
	y	0	47.5	57	95

 $y=9.5x$   

Set B	x	0	3	7	10
	y	0	31.5	73.5	105

 $y=10.5x$