



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

Answers

1)

Set A	x	0	2	4	8
	y	0	5	10	20
Set B	x	0	5	9	10
	y	0	40	72	80

1. _____

2)

Set A	x	0	5	7	8
	y	0	30	42	48
Set B	x	0	2	3	9
	y	0	-19	-28.5	-85.5

2. _____

3. _____

4. _____

5. _____

6. _____

3)

Set A	x	0	2	3	4
	y	0	6	9	12
Set B	x	0	3	5	6
	y	0	21	35	42

4)

Set A	x	0	2	4	8
	y	0	5	10	20
Set B	x	0	3	8	10
	y	0	28.5	76	95

5)

Set A	x	0	3	8	9
	y	0	10.5	28	31.5
Set B	x	0	2	4	10
	y	0	8	16	40

6)

Set A	x	0	3	9	10
	y	0	-25.5	-76.5	-85
Set B	x	0	6	8	10
	y	0	63	84	105



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

Answers

1)

Set A	x	0	2	4	8
	y	0	5	10	20

 $y=2.5x$

Set B	x	0	5	9	10
	y	0	40	72	80

 $y=8x$

1. 5.5

2)

Set A	x	0	5	7	8
	y	0	30	42	48

 $y=6x$

Set B	x	0	2	3	9
	y	0	-19	-28.5	-85.5

 $y=-9.5x$

2. 15.5

3. 4

4. 7

5. 0.5

6. 19

3)

Set A	x	0	2	3	4
	y	0	6	9	12

 $y=3x$

Set B	x	0	3	5	6
	y	0	21	35	42

 $y=7x$

4)

Set A	x	0	2	4	8
	y	0	5	10	20

 $y=2.5x$

Set B	x	0	3	8	10
	y	0	28.5	76	95

 $y=9.5x$

5)

Set A	x	0	3	8	9
	y	0	10.5	28	31.5

 $y=3.5x$

Set B	x	0	2	4	10
	y	0	8	16	40

 $y=4x$

6)

Set A	x	0	3	9	10
	y	0	-25.5	-76.5	-85

 $y=-8.5x$

Set B	x	0	6	8	10
	y	0	63	84	105

 $y=10.5x$