



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

Answers

1)

Set A	x	0	4	5	10
	y	0	26	32.5	65
Set B	x	0	2	5	8
	y	0	14	35	56

1. _____

2)

Set A	x	0	5	8	10
	y	0	35	56	70
Set B	x	0	6	9	10
	y	0	60	90	100

2. _____

3)

Set A	x	0	2	6	9
	y	0	4	12	18
Set B	x	0	3	4	9
	y	0	25.5	34	76.5

3. _____

4)

Set A	x	0	5	7	9
	y	0	10	14	18
Set B	x	0	3	4	10
	y	0	-12	-16	-40

4. _____

5)

Set A	x	0	4	8	10
	y	0	16	32	40
Set B	x	0	5	7	9
	y	0	42.5	59.5	76.5

5. _____

6)

Set A	x	0	4	7	9
	y	0	-10	-17.5	-22.5
Set B	x	0	2	3	7
	y	0	7	10.5	24.5

6. _____



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

Answers

1)

Set A	x	0	4	5	10
	y	0	26	32.5	65

 $y=6.5x$

Set B	x	0	2	5	8
	y	0	14	35	56

 $y=7x$

1. 0.5

2)

Set A	x	0	5	8	10
	y	0	35	56	70

 $y=7x$

Set B	x	0	6	9	10
	y	0	60	90	100

 $y=10x$

2. 3

3. 6.5

4. 6

5. 4.5

6. 6

3)

Set A	x	0	2	6	9
	y	0	4	12	18

 $y=2x$

Set B	x	0	3	4	9
	y	0	25.5	34	76.5

 $y=8.5x$

4)

Set A	x	0	5	7	9
	y	0	10	14	18

 $y=2x$

Set B	x	0	3	4	10
	y	0	-12	-16	-40

 $y=-4x$

5)

Set A	x	0	4	8	10
	y	0	16	32	40

 $y=4x$

Set B	x	0	5	7	9
	y	0	42.5	59.5	76.5

 $y=8.5x$

6)

Set A	x	0	4	7	9
	y	0	-10	-17.5	-22.5

 $y=-2.5x$

Set B	x	0	2	3	7
	y	0	7	10.5	24.5

 $y=3.5x$