



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

Answers

1)

Set A	x	0	3	6	7
	y	0	6	12	14

Set B	x	0	4	8	9
	y	0	14	28	31.5

1. _____

2. _____

3. _____

2)

Set A	x	0	4	5	10
	y	0	22	27.5	55

Set B	x	0	4	6	8
	y	0	40	60	80

4. _____

5. _____

6. _____

3)

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

Set B	x	0	2	6	10
	y	0	-21	-63	-105

4)

Set A	x	0	5	6	7
	y	0	27.5	33	38.5

Set B	x	0	6	7	8
	y	0	36	42	48

5)

Set A	x	0	4	5	6
	y	0	18	22.5	27

Set B	x	0	2	4	6
	y	0	16	32	48

6)

Set A	x	0	6	8	10
	y	0	12	16	20

Set B	x	0	5	7	8
	y	0	15	21	24



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

1)

Set A	x	0	3	6	7
	y	0	6	12	14

 $y=2x$

Set B	x	0	4	8	9
	y	0	14	28	31.5

 $y=3.5x$

2)

Set A	x	0	4	5	10
	y	0	22	27.5	55

 $y=5.5x$

Set B	x	0	4	6	8
	y	0	40	60	80

 $y=10x$

3)

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

 $y=2x$

Set B	x	0	2	6	10
	y	0	-21	-63	-105

 $y=-10.5x$

4)

Set A	x	0	5	6	7
	y	0	27.5	33	38.5

 $y=5.5x$

Set B	x	0	6	7	8
	y	0	36	42	48

 $y=6x$

5)

Set A	x	0	4	5	6
	y	0	18	22.5	27

 $y=4.5x$

Set B	x	0	2	4	6
	y	0	16	32	48

 $y=8x$

6)

Set A	x	0	6	8	10
	y	0	12	16	20

 $y=2x$

Set B	x	0	5	7	8
	y	0	15	21	24

 $y=3x$ **Answers**

1. **1.5**
2. **4.5**
3. **12.5**
4. **0.5**
5. **3.5**
6. **1**