



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

Answers

1)

Set A	x	0	3	7	9
	y	0	-18	-42	-54
Set B	x	0	6	8	9
	y	0	-60	-80	-90

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

2)

Set A	x	0	2	5	9
	y	0	11	27.5	49.5
Set B	x	0	4	5	9
	y	0	26	32.5	58.5

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

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

3)

Set A	x	0	6	9	10
	y	0	42	63	70
Set B	x	0	3	5	8
	y	0	-25.5	-42.5	-68

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

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

4)

Set A	x	0	2	3	7
	y	0	6	9	21
Set B	x	0	2	4	7
	y	0	15	30	52.5

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

5)

Set A	x	0	5	9	10
	y	0	17.5	31.5	35
Set B	x	0	2	3	8
	y	0	11	16.5	44

6)

Set A	x	0	2	5	6
	y	0	9	22.5	27
Set B	x	0	3	8	10
	y	0	-25.5	-68	-85



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

Answers

1) 

Set A	x	0	3	7	9
	y	0	-18	-42	-54

 $y = -6x$

Set B	x	0	6	8	9
	y	0	-60	-80	-90

 $y = -10x$ 

1. 4

2) 

Set A	x	0	2	5	9
	y	0	11	27.5	49.5

 $y = 5.5x$

Set B	x	0	4	5	9
	y	0	26	32.5	58.5

 $y = 6.5x$ 

2. 1

3. 15.5

4. 4.5

5. 2

6. 13

3) 

Set A	x	0	6	9	10
	y	0	42	63	70

 $y = 7x$

Set B	x	0	3	5	8
	y	0	-25.5	-42.5	-68

 $y = -8.5x$ 

4) 

Set A	x	0	2	3	7
	y	0	6	9	21

 $y = 3x$

Set B	x	0	2	4	7
	y	0	15	30	52.5

 $y = 7.5x$ 

5) 

Set A	x	0	5	9	10
	y	0	17.5	31.5	35

 $y = 3.5x$

Set B	x	0	2	3	8
	y	0	11	16.5	44

 $y = 5.5x$ 

6) 

Set A	x	0	2	5	6
	y	0	9	22.5	27

 $y = 4.5x$

Set B	x	0	3	8	10
	y	0	-25.5	-68	-85

 $y = -8.5x$