



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

Answers

1)

Set A	x	0	2	3	8
	y	0	-6	-9	-24
Set B	x	0	2	5	9
	y	0	8	20	36

1. _____

2. _____

3. _____

2)

Set A	x	0	6	8	10
	y	0	15	20	25
Set B	x	0	5	9	10
	y	0	-30	-54	-60

4. _____

5. _____

6. _____

3)

Set A	x	0	5	6	9
	y	0	-20	-24	-36
Set B	x	0	2	6	9
	y	0	16	48	72

4)

Set A	x	0	2	9	10
	y	0	-5	-22.5	-25
Set B	x	0	2	7	8
	y	0	15	52.5	60

5)

Set A	x	0	2	3	9
	y	0	8	12	36
Set B	x	0	3	5	10
	y	0	25.5	42.5	85

6)

Set A	x	0	5	7	8
	y	0	45	63	72
Set B	x	0	6	7	9
	y	0	60	70	90



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

Answers

1)

Set A	x	0	2	3	8
	y	0	-6	-9	-24

 $y = -3x$

Set B	x	0	2	5	9
	y	0	8	20	36

 $y = 4x$
1. 72. 8.53. 12

2)

Set A	x	0	6	8	10
	y	0	15	20	25

 $y = 2.5x$

Set B	x	0	5	9	10
	y	0	-30	-54	-60

 $y = -6x$
4. 105. 4.56. 1

3)

Set A	x	0	5	6	9
	y	0	-20	-24	-36

 $y = -4x$

Set B	x	0	2	6	9
	y	0	16	48	72

 $y = 8x$

4)

Set A	x	0	2	9	10
	y	0	-5	-22.5	-25

 $y = -2.5x$

Set B	x	0	2	7	8
	y	0	15	52.5	60

 $y = 7.5x$

5)

Set A	x	0	2	3	9
	y	0	8	12	36

 $y = 4x$

Set B	x	0	3	5	10
	y	0	25.5	42.5	85

 $y = 8.5x$

6)

Set A	x	0	5	7	8
	y	0	45	63	72

 $y = 9x$

Set B	x	0	6	7	9
	y	0	60	70	90

 $y = 10x$