



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

Answers

1)

Set A	x	0	2	3	10
	y	0	-7	-10.5	-35
Set B	x	0	2	6	8
	y	0	13	39	52

1. _____

2. _____

3. _____

2)

Set A	x	0	5	6	8
	y	0	12.5	15	20
Set B	x	0	4	7	9
	y	0	40	70	90

4. _____

5. _____

6. _____

3)

Set A	x	0	2	3	7
	y	0	6	9	21
Set B	x	0	2	5	9
	y	0	11	27.5	49.5

4)

Set A	x	0	3	9	10
	y	0	10.5	31.5	35
Set B	x	0	6	7	10
	y	0	33	38.5	55

5)

Set A	x	0	4	5	8
	y	0	18	22.5	36
Set B	x	0	3	5	10
	y	0	31.5	52.5	105

6)

Set A	x	0	5	9	10
	y	0	35	63	70
Set B	x	0	5	6	7
	y	0	42.5	51	59.5



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

1)

Set A	x	0	2	3	10
	y	0	-7	-10.5	-35

 $y = -3.5x$

Set B	x	0	2	6	8
	y	0	13	39	52

 $y = 6.5x$

2)

Set A	x	0	5	6	8
	y	0	12.5	15	20

 $y = 2.5x$

Set B	x	0	4	7	9
	y	0	40	70	90

 $y = 10x$

3)

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

 $y = 3x$

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

 $y = 5.5x$

4)

Set A	x	0	3	9	10
	y	0	10.5	31.5	35

 $y = 3.5x$

Set B	x	0	6	7	10
	y	0	33	38.5	55

 $y = 5.5x$

5)

Set A	x	0	4	5	8
	y	0	18	22.5	36

 $y = 4.5x$

Set B	x	0	3	5	10
	y	0	31.5	52.5	105

 $y = 10.5x$

6)

Set A	x	0	5	9	10
	y	0	35	63	70

 $y = 7x$

Set B	x	0	5	6	7
	y	0	42.5	51	59.5

 $y = 8.5x$
Answers

1. 10
2. 7.5
3. 2.5
4. 2
5. 6
6. 1.5